

# **FEDERAL ITEM IDENTIFICATION GUIDE**

## **CARTRIDGES, WEAPON**

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This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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## GENERAL INFORMATION

### GENERAL INFORMATION

#### 1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

#### 2. Contents

This FIIG is comprised of the following:

- Index of Approved Item Names Covered by this FIIG
- Applicability Key Index
- Section I - Item Characteristics Data Requirements
- Section III - New text that should be here.
- Appendix A - Reply Tables
- Appendix B - Reference Drawing Groups (as applicable)
- Appendix C - Technical Data Tables (as applicable)

##### a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

##### b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (\*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

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### c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

#### (1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (\*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

#### (2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

#### (b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (\*). Steps (1) through (6) are repeated for each application of the requirement.

#### (c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign (\$) for an OR condition, or a double dollar sign (\$\$) for an AND condition, (5) the mode code, (6) the response or reply code

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(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (\*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

### (3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

### (4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

### (5) Reply Code:

A code that represents an established authorized reply to a requirement.

### d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

### e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

### f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

### g. Appendix C - Technical Data Tables:

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This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

<u>MRC</u>	<u>Mode</u> <u>Code</u>	<u>Requirement</u>	<u>Example</u>
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGW OVEN WIRE CLOTH*

### 4. Special Instructions and Indicator Definitions

#### a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

#### b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

### 5. Indexes

#### a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

#### b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

#### c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

### 6. Maintenance

Requests for revisions and other changes will be directed to:

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CARTRIDGE, CALIBER .22	19485	AA
CARTRIDGE, CALIBER .270 #	58648	BA
CARTRIDGE, CALIBER .30	17806	BA
CARTRIDGE, CALIBER .30-30 #	58647	BA
CARTRIDGE, CALIBER .303 #	58674	BA
CARTRIDGE, CALIBER .32	19486	AA
CARTRIDGE, CALIBER .338	51655	AA
CARTRIDGE, CALIBER .38	19487	AA
CARTRIDGE, CALIBER .380	19488	AA
CARTRIDGE, CALIBER .45	17807	BA
CARTRIDGE, CALIBER .50	17808	BA
CARTRIDGE, CALIBER .22 BLANK	19815	CA
CARTRIDGE, CALIBER .30 BLANK	19816	CA
CARTRIDGE, CALIBER .338 BLANK	52682	CA
CARTRIDGE, CALIBER .38 BLANK	19817	CA
CARTRIDGE, CALIBER .45 BLANK	19818	CA
CARTRIDGE, CALIBER .50 BLANK	19819	CA
CARTRIDGE, CALIBER .303 BLANK #	58678	CA
CARTRIDGE, CALIBER .32 BLANK #	58679	CA
CARTRIDGE, CALIBER .30 CARBINE	17809	BA
CARTRIDGE, CALIBER .30 CARBINE BLANK	36326	CA

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CARTRIDGE, CALIBER .22 HORNET	19489	AA
CARTRIDGE, CALIBER .310 INCH	49935	BA
CARTRIDGE, CALIBER .32 LINE THROWING	19820	CA
CARTRIDGE, CALIBER .45 LINE THROWING	19821	CA
CARTRIDGE, CALIBER .338 MAGNUM	67233	AA
CARTRIDGE, CALIBER .357 MAGNUM	51478	AA
CARTRIDGE, CALIBER .38 SPECIAL	19490	AA
CARTRIDGE, CALIBER .38 SPECIAL BLANK	19822	CA
CARTRIDGE, CALIBER .308, WINCHESTER	51211	CA
CARTRIDGE, EXPLOSIVE ORDNANCE DISPOSAL	68190	BA

A cartridge, designed specifically for use in a disrupter, explosive ordnance device, for the purpose of discharging a controlled directed explosion, gas or otherwise, initiating pressure for a secondary action to occur.

CARTRIDGE, 10 GAGE BLANK	19823	CA
CARTRIDGE, .410 GAGE SHOTGUN	17176	DA
CARTRIDGE, 12 GAGE SHOTGUN	17177	DA
CARTRIDGE, 16 GAGE SHOTGUN	17178	DA
CARTRIDGE, 20 GAGE SHOTGUN	17179	DA
CARTRIDGE, 28 GAGE SHOTGUN	32935	DA
CARTRIDGE, 12 GAGE SHOTGUN, NON- LETHAL	53674	DA
CARTRIDGE, GRENADE	20082	KA

An explosive item used to propel a grenade from a launcher attached to a rifle or carbine. It differs from a standard cartridge in that it has no projectile and the mouth of the cartridge case is closed by crimping.

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CARTRIDGE, 3 INCH	49936	EC
CARTRIDGE, 4.2 INCH	21289	EA
CARTRIDGE, 4.5 INCH	49937	EC
CARTRIDGE, 2 INCH #	36464	EE
CARTRIDGE, 3 INCH 50 CALIBER	19883	FA
CARTRIDGE, 3 INCH 70 CALIBER	19884	FA
CARTRIDGE, 5 INCH 25 CALIBER	19885	FA
CARTRIDGE, 5 INCH 54 CALIBER	68154	FA
CARTRIDGE, 3 INCH 50 CALIBER BLANK	19852	GA
CARTRIDGE, 5 INCH 25 CALIBER BLANK	19853	GA
CARTRIDGE, 5 INCH 38 CALIBER BLANK	19854	GA
CARTRIDGE, 5 INCH 54 CALIBER BLANK	19855	GA
CARTRIDGE, 1 INCH LINE THROWING #	58676	CA
CARTRIDGE, 2 INCH, MORTAR	49938	EE
CARTRIDGE, 3 INCH, MORTAR	49939	EE
CARTRIDGE, 2 INCH, MORTAR, PRACTICE	49941	EE
A cartridge, inert loaded or containing a small charge to indicate functioning, designed to simulate service items.		
CARTRIDGE, 105 MILLIMETER	19872	ED
CARTRIDGE, 106 MILLIMETER	19845	EC
CARTRIDGE, 107 MILLIMETER	22959	EC
CARTRIDGE, 11 MILLIMETER	51208	BA

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CARTRIDGE, 12 MILLIMETER	51209	BA
CARTRIDGE, 12.7 MILLIMETER	33369	BA
CARTRIDGE, 120 MILLIMETER	19846	EC
CARTRIDGE, 130 MILLIMETER	46713	EF
CARTRIDGE, 14.5 MILLIMETER	61454	BA
CARTRIDGE, 15 MILLIMETER	17812	BA
CARTRIDGE, 152 MILLIMETER	26782	EF
CARTRIDGE, 165 MILLIMETER	21455	EF
CARTRIDGE, 20 MILLIMETER	19879	HA
CARTRIDGE, 25 MILLIMETER	32955	HA
CARTRIDGE, 30 MILLIMETER	19880	HA
CARTRIDGE, 35 MILLIMETER	33078	HA
CARTRIDGE, 37 MILLIMETER	19827	EB
CARTRIDGE, 40 MILLIMETER	19871	HB
CARTRIDGE, 45 MILLIMETER	46185	HB
CARTRIDGE, 4.6 MILLIMETER	68097	BA
CARTRIDGE, 5.45 MILLIMETER	47212	BA
CARTRIDGE, 5.56 MILLIMETER	26214	BA
CARTRIDGE, 5.6 MILLIMETER	27037	BA
CARTRIDGE, 5.7 MILLIMETER	53554	BA
CARTRIDGE, 57 MILLIMETER	19841	EC
CARTRIDGE, 6 MILLIMETER	51202	BA
CARTRIDGE, 6.35 MILLIMETER	51203	BA
CARTRIDGE, 60 MILLIMETER	21286	EE
CARTRIDGE, 7 MILLIMETER	32934	BA

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CARTRIDGE, 7.62 MILLIMETER	17811	BA
CARTRIDGE, 7.65 MILLIMETER	33367	AA
CARTRIDGE, 7.7 MILLIMETER	51204	BA
CARTRIDGE, 7.92 MILLIMETER	45286	AA
CARTRIDGE, 73 MILLIMETER	47109	EA
CARTRIDGE, 75 MILLIMETER	19842	EC
CARTRIDGE, 76 MILLIMETER	19843	EC
CARTRIDGE, 8 MILLIMETER	51205	AA
CARTRIDGE, 81 MILLIMETER	21287	EE
CARTRIDGE, 84 MILLIMETER	58666	ED
CARTRIDGE, 9 MILLIMETER	19491	AA
CARTRIDGE, 90 MILLIMETER	19844	EC
CARTRIDGE, 100 MILLIMETER #	40062	EC
CARTRIDGE, 11.4 MILLIMETER #	35948	BA
CARTRIDGE, 18 MILLIMETER #	35346	EB
CARTRIDGE, 26.5 MILLIMETER #	33647	HB
CARTRIDGE, 27 MILLIMETER #	33246	HA
CARTRIDGE, 38 MILLIMETER #	58664	EB
CARTRIDGE, 44 MILLIMETER #	33438	EA
CARTRIDGE, 6.5 MILLIMETER #	58677	BA
CARTRIDGE, 71 MILLIMETER #	33313	EA
CARTRIDGE, 105 MILLIMETER BLANK	19867	GA
CARTRIDGE, 11 MILLIMETER, BLANK	51476	CA
CARTRIDGE, 12.7 MILLIMETER BLANK	33370	CA

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CARTRIDGE, 40 MILLIMETER BLANK	19825	CA
CARTRIDGE, 5.45 MILLIMETER, BLANK	47213	CA
CARTRIDGE, 5.56 MILLIMETER, BLANK	26383	CA
CARTRIDGE, 5.7 MILLIMETER, BLANK	66714	CA
CARTRIDGE, 7.5 MILLIMETER, BLANK	51652	CA
CARTRIDGE, 7.62 MILLIMETER BLANK	19826	CA
CARTRIDGE, 7.92 MILLIMETER, BLANK	45285	CA
CARTRIDGE, 75 MILLIMETER BLANK	19864	GA
CARTRIDGE, 76 MILLIMETER BLANK	19865	GA
CARTRIDGE, 8 MILLIMETER BLANK	51207	CA
CARTRIDGE, 90 MILLIMETER BLANK	19866	GA
CARTRIDGE, 20 MILLIMETER, BLANK #	36318	CA
CARTRIDGE, 35 MILLIMETER BLANK #	32913	CA
CARTRIDGE, 37 MILLIMETER, BLANK #	36319	CA
CARTRIDGE, 6 MILLIMETER, BLANK #	36317	CA
CARTRIDGE, 64 MILLIMETER, BLANK #	36320	GA
CARTRIDGE, 9 MILLIMETER BLANK #	58680	CA
CARTRIDGE, 105 MILLIMETER CANISTER	67704	JA

A 105 Millimeter Cartridge assembled with a projectile consisting of a light metal case filled with Steel Balls, Steel Fragments or Steel Slugs. When fired, the projectile breaks upon leaving the Muzzle of the weapon and the contents scatter in the manner of a shotgun cartridge.

CARTRIDGE, 120 MILLIMETER CANISTER	67616	JA
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A 120 Millimeter Cartridge assembled with a projectile consisting of a light metal case filled with Steel Balls, Steel Fragments or Steel Slugs. When fired, the projectile breaks upon leaving the Muzzle of the weapon and the contents scatter in the manner of a shotgun cartridge.

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CARTRIDGE, 152 MILLIMETER CANISTER	28907	JA
A 152 millimeter cartridge assembled with a projectile consisting of a light metal case filled with steel balls, steel fragments, or steel slugs. When fired, the projectile breaks upon leaving the muzzle of the weapon and the contents scatter in the manner of a shotgun cartridge.		
CARTRIDGE, 40 MILLIMETER CANISTER	28611	JA
A 40 millimeter cartridge assembled with a projectile consisting of a light metal case filled with steel balls, steel fragments, or steel slugs. When fired, the projectile breaks upon leaving the muzzle of the weapon and the contents scatter in the manner of a shotgun cartridge.		
CARTRIDGE, 57 MILLIMETER CANISTER	21393	JA
A 57 millimeter cartridge assembled with a projectile consisting of a light metal case filled with steel balls, steel fragments, or steel slugs. When fired, the projectile breaks upon leaving the muzzle of the weapon and the contents scatter in the manner of a shotgun cartridge.		
CARTRIDGE, 76 MILLIMETER CANISTER	21395	JA
A 76 millimeter cartridge assembled with a projectile consisting of a light metal case filled with steel balls, steel fragments, or steel slugs. When fired, the projectile breaks upon leaving the muzzle of the weapon and the contents scatter in the manner of a shotgun cartridge.		
CARTRIDGE, 90 MILLIMETER CANISTER	21396	JA
A 90 millimeter cartridge assembled with a projectile consisting of a light metal case filled with steel balls, steel fragments, or steel slugs. When fired, the projectile breaks upon leaving the muzzle of the weapon and the contents scatter in the manner of a shotgun cartridge.		
CARTRIDGE, 25.4 MILLIMETER, DECOY	33809	HA
An item consisting of a cartridge case, primer expelling charge, piston and various lengths of aluminum coated glass rods which are ejected when an impulse cartridge is activated.		
CARTRIDGE, 7.62 MILLIMETER, LINE THROWING	41385	CA
CARTRIDGE, 11.4 MILLIMETER, LINE THROWING #	33645	CA
CARTRIDGE, 81 MILLIMETER, LINE THROWING #	33314	EA
CARTRIDGE, 160 MILLIMETER MORTAR	51197	EE
CARTRIDGE, 51 MILLIMETER, MORTAR	50300	EE

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CARTRIDGE, 120 MILLIMETER MORTAR #	33079	EE
CARTRIDGE, 120 MILLIMETER MORTAR PRACTICE #	33600	EE
CARTRIDGE, 40 MILLIMETER, NON-LETHAL	53191	HB
A fixed round of ammunition consisting of a projectile assembly and a cartridge case assembly. It contains propellant and primer and is designed to be fired from a grenade launcher. The projectile is a non-lethal device containing inert material(s), and may be used for crowd dispersal.		
CARTRIDGE, 56 MILLIMETER, NON-LETHAL	67760	EA
A fixed round of ammunition consisting of a cartridge case containing a primer, a propelling charge and a projectile. The projectile is a non-lethal device containing inert material(s). It is used to neutralize a person, primarily by impact effect, without doing severe injuries.		
CARTRIDGE, 44 MILLIMETER, NON-LETHAL#	67288	EA
A fixed round of ammunition consisting of a cartridge case containing a primer, a propelling charge and a projectile. The non-lethal projectile may be one or more soft material balls or a ball which contains a coloring or incapacitating agent. This ammunition is designed to be fired from a PISTOL, 44 MILLIMETER, NON-LETHAL NEUTRALIZATION. It is used to neutralize a person, primarily by impact effect, without doing severe injuries.		
CARTRIDGE, 105 MILLIMETER, PRACTICE	33598	ED
CARTRIDGE, 120 MILLIMETER, PRACTICE	33646	ED
CARTRIDGE, 130 MILLIMETER, PRACTICE	46714	EF
CARTRIDGE, 20 MILLIMETER, PRACTICE	33602	HA
CARTRIDGE, 25 MILLIMETER, PRACTICE	36325	HB
CARTRIDGE, 30 MILLIMETER, PRACTICE	33605	HA

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
CARTRIDGE, 35 MILLIMETER PRACTICE	33325	HB
A cartridge inert loaded or with reduced charge to indicate functioning. It is designed to simulate service items.		
CARTRIDGE, 40 MILLIMETER, PRACTICE	33606	HB
CARTRIDGE, 45 MILLIMETER, PRACTICE	46186	HB
A cartridge, inert loaded or containing a small charge to indicate functioning, designed to simulate service items.		
CARTRIDGE, 5.56 MILLIMETER, PRACTICE	51477	BA
CARTRIDGE, 5.7 MILLIMETER, PRACTICE	66715	BA
CARTRIDGE, 57 MILLIMETER, PRACTICE	48814	HB
A cartridge, inert, loaded or containing a small charge to indicate functioning, designed to simulate service items.		
CARTRIDGE, 7.5 MILLIMETER, PRACTICE	51653	BA
CARTRIDGE, 7.62 MILLIMETER, PRACTICE	33601	BA
CARTRIDGE, 73 MILLIMETER, PRACTICE	47115	EB
CARTRIDGE, 76 MILLIMETER, PRACTICE	33607	EC
CARTRIDGE, 8 MILLIMETER PRACTICE	51206	BA
CARTRIDGE, 81 MILLIMETER, PRACTICE	30276	EE
A cartridge, inert loaded or containing a small charge to indicate functioning, designed to simulate service items.		
CARTRIDGE, 84 MILLIMETER, PRACTICE	33608	EC

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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
CARTRIDGE, 9 MILLIMETER, PRACTICE	35388	BA
CARTRIDGE, 90 MILLIMETER, PRACTICE	33596	EC
CARTRIDGE, 100 MILLIMETER, PRACTICE #	33597	FA
CARTRIDGE, 106 MILLIMETER, PRACTICE #	36321	EC
CARTRIDGE, 18 MILLIMETER, PRACTICE #	35347	EB
CARTRIDGE, 21.5 MILLIMETER, PRACTICE #	33603	EB
CARTRIDGE, 27 MILLIMETER, PRACTICE #	33604	HB
CARTRIDGE, 44 MILLIMETER, PRACTICE #	35345	EB
CARTRIDGE, 8.94 MILLIMETER SELECT	61610	AA
CARTRIDGE, 18.2 MILLIMETER SHOTGUN #	35352	DA
CARTRIDGE, 81 MILLIMETER, TRAINING	30275	EE
A cartridge used in instruction. It will not contain an explosive charge.		
CARTRIDGE, 25 POUNDER	51198	HA
CARTRIDGE, 13 POUNDER, BLANK	50301	GA
A cartridge designed to be used in a weapon for demonstration and/or saluting purposes. It will never be used in conjunction with a projectile.		
CARTRIDGE, 25 POUNDER, BLANK	50302	GA
A cartridge designed to be used in a weapon for demonstration and/or saluting purposes. It will never be used in conjunction with a projectile.		
CARTRIDGE, 3 POUNDER BLANK	19869	GA
CARTRIDGE, 6 POUNDER BLANK	19870	GA

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CARTRIDGE, 12 POUNDER, BLANK #	58668	GA
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CARTRIDGE, SUBCALIBER, 22 MILLIMETER, BLANK #	36322	KA
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CARTRIDGE, SUBCALIBER, 20 MILLIMETER, PRACTICE	33025	KA
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An explosive device consisting of a projectile and a cartridge case containing a small quantity of propellant and a means of activation. It is designed to be inserted into a full bore 76 millimeter, 83 millimeter sabot and permit firing to simulate functioning of a tactical item.

CARTRIDGE, SUBCALIBER, 22 MILLIMETER, PRACTICE	32265	KA
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An explosive device consisting of a projectile and a cartridge case containing a small quantity of propellant and a means of activation. It is designed to be inserted into a full bore 81 millimeter, 120 millimeter 4.2 inches sabot and permit firing to simulate functioning of a tactical item.

CARTRIDGE, SUBCALIBER, 25 MILLIMETER, PRACTICE	32266	KA
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An explosive device consisting of a projectile and a cartridge case containing a small quantity of propellant and a means of activation. It is designed to be inserted into a full bore 81 millimeter sabot and permit firing to simulate functioning of a tactical item.

CARTRIDGE, SUBCALIBER, 35 MILLIMETER, PRACTICE	39552	KA
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#### Dummy Cartridge

1. A cartridge that is empty or completely inert and simulates its service counterparts. It may have the same weight, center of gravity, and profile, but lacking internal functional components. It is used for display purposes and training operations, such as assembly, handling, and dry-run exercises. Excludes sectionalized items.

DUMMY CARTRIDGE (1), CALIBER .30	19309	CA
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DUMMY CARTRIDGE (1), CALIBER .303 #	58672	CA
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DUMMY CARTRIDGE (1), CALIBER .338	52683	CA
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DUMMY CARTRIDGE (1), CALIBER .45	19310	CA
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DUMMY CARTRIDGE (1), CALIBER .50	19311	CA
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DUMMY CARTRIDGE (1), CALIBER .30 CARBINE	19312	CA
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<u>Approved Item Name</u>	<u>INC</u>	<u>App Key</u>
DUMMY CARTRIDGE (1), 12 GAGE SHOTGUN	53675	DA
DUMMY CARTRIDGE (1), 2 INCH	36465	MA
DUMMY CARTRIDGE (1), 4.2 INCH	29766	MA
DUMMY CARTRIDGE (1), 4.5 INCH	50303	MA
DUMMY CARTRIDGE (1), 3 INCH 50 CALIBER	19828	MA
DUMMY CARTRIDGE (1), 3 INCH 70 CALIBER	19829	MA
DUMMY CARTRIDGE (1), 5 INCH 25 CALIBER	19831	MA
DUMMY CARTRIDGE (1), 100 MILLIMETER	51654	MA
DUMMY CARTRIDGE (1), 105 MILLIMETER	19839	MA
DUMMY CARTRIDGE (1), 106 MILLIMETER	19840	MA
DUMMY CARTRIDGE (1), 12.7 MILLIMETER	33365	CA
DUMMY CARTRIDGE (1), 120 MILLIMETER	34674	MA
DUMMY CARTRIDGE, 130 MILLIMETER	46715	MA
DUMMY CARTRIDGE (1), 152 MILLIMETER	28275	MA
DUMMY CARTRIDGE (1), 18 MILLIMETER	68010	AA
DUMMY CARTRIDGE (1), 20 MILLIMETER	19314	CA
DUMMY CARTRIDGE (1), 25 MILLIMETER	32953	CA

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DUMMY CARTRIDGE (1), 30 MILLIMETER	19832	MA
DUMMY CARTRIDGE (1), 37 MILLIMETER	19833	MA
DUMMY CARTRIDGE (1), 40 MILLIMETER	19834	MA
DUMMY CARTRIDGE (1), 5.45 MILLIMETER	47211	CA
DUMMY CARTRIDGE (1), 5.56 MILLIMETER	26382	CA
DUMMY CARTRIDGE (1), 57 MILLIMETER	19835	MA
DUMMY CARTRIDGE (1), 60 MILLIMETER	36111	MA
DUMMY CARTRIDGE (1), 7.62 MILLIMETER	19313	CA
DUMMY CARTRIDGE (1), 73 MILLIMETER	47116	MA
DUMMY CARTRIDGE (1), 75 MILLIMETER	19836	MA
DUMMY CARTRIDGE (1), 76 MILLIMETER	19837	MA
DUMMY CARTRIDGE (1), 81 MILLIMETER	30207	MA
DUMMY CARTRIDGE (1), 9 MILLIMETER	32923	CA
DUMMY CARTRIDGE (1), 90 MILLIMETER	19838	MA
DUMMY CARTRIDGE (1), 27 MILLIMETER #	33247	CA
DUMMY CARTRIDGE (1), 35 MILLIMETER #	36324	MA

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DUMMY CARTRIDGE (1), 44 MILLIMETER #	33385	MA
DUMMY CARTRIDGE (1), 7.65 MILLIMETER #	36323	CA
DUMMY CARTRIDGE (1), 84 MILLIMETER #	32922	MA
DUMMY CARTRIDGE (1), 120 MILLIMETER MORTAR #	33263	MA
DUMMY CARTRIDGE (1), 20 POUNDER #	58670	MA
DUMMY CARTRIDGE (1), 25 POUNDER #	67554	MA
TEST CARTRIDGE, 130 MILLIMETER	46716	EF

An item which in form and size corresponds to a CARTRIDGE, 130 MILLIMETER and is designed exclusively for safety tests, functional tests and/or the adjustment of mechanical or electric/electronic components of the pertinent weapons/weapon systems. It may include mechanical and electric/electronic functional parts or explosives.

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**APPLICABILITY KEY INDEX**

AA

NAME	X
AHUF	X
AMWN #	X
AHUE	AR
AMSX	X
AHUX	AR
AHUU	X
AMSY	X
AHVQ	X
CZEF	AR
CZEG	AR
DDAC	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
CBME #	AR
AFJK	AR
SUPP	AR
GRWT	AR
CZKA	AR
EXWT	AR
QTSC	AR
SCQP	AR
HMCC	AR
WLBL	AR
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DENN	AR
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ZZZV	AR
DTRC	AR
AGAV	AR
PKTY	AR
NAAC	AR
AWJN	AR
AGUC	AR
AJYJ	AR
CXCY	AR

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AHUH	AR
AHUP	AR
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AHUX	AR
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AHUK	AR
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CZEG	AR
DDAC	X
FEAT	AR
TEST	AR
SPCL	AR
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ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
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SUPP	AR
GRWT	AR
CZKA	AR
EXWT	AR
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SCQP	AR
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ZZZP	AR
ZZZV	AR
DTRC	AR
AGAV	AR
PKTY	AR
NAAC	AR
AWJN	AR

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AGUC	AR
AJYJ	AR
CXCY	AR

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CA

NAME	X
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AHUH	AR
AHUL	AR
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AHVQ	X
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CZEG	AR
DDAC	X
CZHX #	X
CZHY #	AR
CZJG #	AR
FEAT	AR
TEST	AR
SPCL	AR
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ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
CBME #	AR
AFJK	AR
SUPP	AR
GRWT	AR
CZKA	AR
EXWT	AR
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SHPN	AR
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AGAV	AR
PKTY	AR
NAAC	AR
AWJN	AR
AGUC	AR
AJYJ	AR
CXCY	AR

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	<u>DA</u>
NAME	X
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AMWN #	X
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AHUF	X
CZHZ #	AR
CZJA #	X
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AHVT	AR
AHVV	AR
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AHUQ	X
AHVK	AR
CZEF	AR
CZEG	AR
DDAC	X
FEAT	AR
TEST	AR
SPCL	AR
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ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
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AFJK	AR
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HAZD	AR
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ZZZV	AR
DTRC	AR
AGAV	AR
PKTY	AR
NAAC	AR
AWJN	AR
AGUC	AR
AJYJ	AR
CXCY	AR

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	<u>EA</u>	<u>EB</u>	<u>EC</u>	<u>ED</u>	<u>EE</u>	<u>EF</u>
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AHUF	X	X	X	X	X	X
AMWN #	X	X	X	X	X	X
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AHUZ	AR	AR	AR	AR	AR	AR
AHVB	AR	AR	AR	AR	AR	AR
AHVA	AR	AR	AR	AR	AR	AR
AHUS	X		X	X	X	X
AHVP	AR				AR	
AHVL	AR				AR	
AHWN			AR			
AHVB	AR				AR	
AMTG			X			
AMTJ				X		
AHVJ	X		X	X		
AMTM	AR		AR	AR		
AMTX					X	
CZJF #			AR	AR		AR
AMSY		X	X			
AHVQ	X	X	X	X	X	X
CZEF	AR	AR	AR	AR	AR	AR
CZEG	AR	AR	AR	AR	AR	AR
DDAC	X	X	X	X	X	X
CZJB #					X	
CZJC #					AR	
CZJE #					X	
ADAC #	AR	AR	AR	AR	AR	AR
CZJD #	AR	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR
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ZZZK	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR
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ELRN	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR
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SUPP	AR	AR	AR	AR	AR	AR
GRWT	AR	AR	AR	AR	AR	AR
CZKA	AR	AR	AR	AR	AR	AR
EXWT	AR	AR	AR	AR	AR	AR
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SCQP	AR	AR	AR	AR	AR	AR
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WLBL	AR	AR	AR	AR	AR	AR
SHPN	AR	AR	AR	AR	AR	AR
DENN	AR	AR	AR	AR	AR	AR

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HAZD	AR	AR	AR	AR	AR	AR
ZZZP	AR	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR	AR
DTRC	AR	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR	AR
PKTY	AR	AR	AR	AR	AR	AR
NAAC	AR	AR	AR	AR	AR	AR
AWJN	AR	AR	AR	AR	AR	AR
AGUC	AR	AR	AR	AR	AR	AR
AJYJ	AR	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR	AR

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	<u>FA</u>
NAME	X
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AHUF	X
AHUM	X
AMTR	AR
AHVD	AR
AHVF	AR
AMTS	AR
AHUW	AR
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AHVG	X
AHVQ	X
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CZEG	AR
DDAC	X
FEAT	AR
TEST	AR
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ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
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ELCD	AR
CBME #	AR
AFJK	AR
SUPP	AR
GRWT	AR
CZKA	AR
EXWT	AR
QTSC	AR
SCQP	AR
HMCC	AR
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DENN	AR
HAZD	AR
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DTRC	AR
AGAV	AR
PKTY	AR
NAAC	AR
AWJN	AR
AGUC	AR
AJYJ	AR
CXCY	AR

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GA

NAME	X
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AMWN #	X
AHUE	AR
AHVG	X
AHVK	AR
AHVQ	X
CZEF	AR
CZEG	AR
DDAC	X
FEAT	AR
TEST	AR
SPCL	AR
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ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
CBME #	AR
AFJK	AR
SUPP	AR
GRWT	AR
CZKA	AR
EXWT	AR
QTSC	AR
SCQP	AR
HMCC	AR
WLBL	AR
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DENN	AR
HAZD	AR
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ZZZV	AR
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AGAV	AR
PKTY	AR
NAAC	AR
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AGUC	AR
AJYJ	AR
CXCY	AR

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	<u>HA</u>	<u>HB</u>
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AHUF	X	X
AHUZ	AR	AR
AHVB	AR	AR
AHUR	X	X
AMWN #	X	X
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AHUW	AR	AR
AHUS	AR	AR
AHUH	AR	
AHUP	AR	
AHUL	AR	
AHUN	AR	
AMTA	AR	
AHUX	X	X
AHUY	AR	AR
AHVQ	X	X
AHVN	X	
AHVG	AR	AR
CZEF	AR	AR
CZEG	AR	AR
DDAC	X	X
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
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EXWT	AR	AR
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SCQP	AR	AR
HMCC	AR	AR
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DENN	AR	AR
HAZD	AR	AR
ZZZP	AR	AR
ZZZV	AR	AR
DTRC	AR	AR
AGAV	AR	AR
PKTY	AR	AR

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NAAC	AR	AR
AWJN	AR	AR
AGUC	AR	AR
AJYJ	AR	AR
CXCY	AR	AR

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JA

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AHUE	AR
AHUS	X
AHVQ	X
CZEF	AR
CZEG	AR
DDAC	X
FEAT	AR
TEST	AR
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ZZZW	AR
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ZZZY	AR
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PRPY	AR
ELRN	AR
ELCD	AR
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CZKA	AR
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SCQP	AR
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HAZD	AR
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ZZZV	AR
DTRC	AR
AGAV	AR
PKTY	AR
NAAC	AR
AWJN	AR
AGUC	AR
AJYJ	AR
CXCX	AR

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GENERAL INFORMATION  
APPLICABILITY KEY INDEX

KA

NAME	X
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AMWN #	X
AHUE	AR
AHVQ	X
CZEF	AR
CZEG	AR
DDAC	X
FEAT	AR
TEST	AR
SPCL	AR
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ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
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AFJK	AR
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GRWT	AR
CZKA	AR
EXWT	AR
QTSC	AR
SCQP	AR
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ZZZV	AR
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AGAV	AR
PKTY	AR
NAAC	AR
AWJN	AR
AGUC	AR
AJYJ	AR
CXCY	AR

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APPLICABILITY KEY INDEX

MA

NAME	X
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AHUZ	AR
AHVB	AR
AHVV	AR
AMWN #	X
AHUE	X
AHVQ	X
CZEF	AR
CZEG	AR
DDAC	X
FEAT	AR
TEST	AR
SPCL	AR
ZZZK	AR
ZZZT	AR
ZZZW	AR
ZZZX	AR
ZZZY	AR
CRTL	AR
PRPY	AR
ELRN	AR
ELCD	AR
CBME #	AR
AFJK	AR
SUPP	AR
GRWT	AR
CZKA	AR
EXWT	AR
QTSC	AR
SCQP	AR
HMCC	AR
WLBL	AR
SHPN	AR
DENN	AR
HAZD	AR
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ZZZV	AR
DTRC	AR
AGAV	AR
PKTY	AR
NAAC	AR
AWJN	AR
AGUC	AR
AJYJ	AR
CXCY	AR

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[Page Break]

FIIG T
Section Parts

## Body

### SECTION: A

APP

Key	MRC	Mode Code	Requirements
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ALL

NAME	D	ITEM NAME
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Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED19485\*)

ALL

AHUF	D	CARTRIDGE DESIGN TYPE
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Definition: INDICATES THE DESIGN TYPE CHARACTERISTIC OF THE CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., AHUFDAAS\*; AHUFDAAM\$\$DACE\*; AHUFDAAB\$DAAS\*)

ALL

AMWN #	A	MODEL NUMBER
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Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.

Reply Instructions: Enter the model number. (e.g., AMWNAME11\*)

ALL\*

AHUE	A	CARTRIDGE MODEL NUMBER
------	---	------------------------

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE CARTRIDGE.

Reply Instructions: Enter the number. (e.g., AHUEAM35\*; AHUEAM41\$AM41E1\*)

FIIG T
Section Parts

APP  
Key    MRC                      Mode Code            Requirements

ALL

AMSX                      D                      PROJECTILE DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE CHARACTERISTIC OF THE PROJECTILE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 7. (e.g., AMSXDAAH\*; AMSXDAAB\$DAAL\*)

NOTE FOR MRC AHUX: IF REPLY CODE AAC, AAD, OR AAE IS ENTERED FOR MRC AMSX, REPLY TO MRC AHUX.

ALL\* (See Note Above)

AHUX                      D                      TRACER ELEMENT

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM INCLUDES A TRACER ELEMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHUXDB\*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

ALL

AHUU                      J                      PROJECTILE WEIGHT

Definition: THE WEIGHT OF THE PROJECTILE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AHUUJG100.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AHUUKN\*)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		<u>REPLY CODE</u>	<u>REPLY (AB16)</u>
		G	GRAINS
		K	KILOGRAMS

ALL

AMSY J MUZZLE VELOCITY

Definition: THE VELOCITY OF AN ITEM AT THE MOMENT OF LEAVING THE MUZZLE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMSYJAKA970.0\*; AMSYJAKB770.0\$\$JAKC780.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AMSYKN\*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AG20)</u>
AK	FEET PER SECOND
BF	METERS PER SECOND

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AHVQ D WEAPON FOR WHICH DESIGNED

FIIG T
Section Parts

APP  
Key MRC Mode Code Requirements

---

Definition: AN INDICATION OF THE WEAPON(S) FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 5. (e.g., AHVQDAAH\*; AHVQDAAB\$\$DAAF\*; AHVQDAAB\$DAAF\*)

ALL\*

CZEF J CARTRIDGE CASE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A CARTRIDGE CASE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEFJL63.0\*)

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL\*

CZEG J CASELESS CARTRIDGE PROPELLANT CHARGE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE PROPELLANT CHARGE OF THE CASELESS CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEGJL47.0\*)

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL

DDAC A DOD AMMUNITION CODE

FIIG T
Section Parts

APP  
Key    MRC                    Mode Code            Requirements

---

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1315-C704\*)

FIIG T
Section Parts

# SECTION: B

APP

Key MRC Mode Code Requirements

ALL

NAME D ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED17806\*)

ALL

AHUG D CARTRIDGE GROUPING TYPE

Definition: INDICATES THE PARTICULAR TYPE OF GROUPING IN WHICH THE CARTRIDGE IS SUPPLIED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHUGDB\*; AHUGDB\$DD\*)

<u>REPLY CODE</u>	<u>REPLY (AF44)</u>
B	BELTED
C	CLIPPED
D	LINKED
F #	PACK BARREL
E	SINGLE ROUND

ALL\*

AHUF D CARTRIDGE DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE CHARACTERISTIC OF THE CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., AHUFDAAF\*; AHUFDAAD\$DABB\*; AHUFDAAD\$DAAE\*)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
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ALL\*

AHUE	A	CARTRIDGE MODEL NUMBER
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Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE CARTRIDGE.

Reply Instructions: Enter the number. (e.g., AHUEAM35\*; AHUEAM41\$AM41E1\*)

ALL\*

AHUH	A	CARTRIDGE QUANTITY
------	---	--------------------

Definition: THE NUMBER OF CARTRIDGES OF WHICH THE GROUPING IS COMPOSED.

Reply Instructions: Enter the quantity. (e.g., AHUHA100\*)

ALL\*

AHUP	A	CARTRIDGE GROUPING FUNCTIONAL SEQUENCE
------	---	--

Definition: AN INDICATION OF THE SEQUENCING OF THE DIFFERENT TYPES OF CARTRIDGES WITHIN THE CARTRIDGE GROUPING.

Reply Instructions: Enter the reply in the same sequence as MRC AHUF.

(e.g., AHUPA2-2-1\*)

ALL

AMWN #	A	MODEL NUMBER
--------	---	--------------

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.

Reply Instructions: Enter the model number. (e.g., AMWNAME11\*)

ALL

AHUU	J	PROJECTILE WEIGHT
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Definition: THE WEIGHT OF THE PROJECTILE.

FIIG T
Section Parts

APP  
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AHUUJG100.0\*)

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AHUUKN\*)

<u>REPLY CODE</u>	<u>REPLY (AB16)</u>
G	GRAINS
R	GRAMS

ALL\*

AHUX D TRACER ELEMENT

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM INCLUDES A TRACER ELEMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHUXDB\*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

ALL

AMSY J MUZZLE VELOCITY

Definition: THE VELOCITY OF AN ITEM AT THE MOMENT OF LEAVING THE MUZZLE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMSYJAKA970.0\*; AMSYJAKB770.0\$JAKC780.0\*; AMSYJBFA295.6\*)

FIIG T
Section Parts

APP  
Key MRC Mode Code Requirements

For items that do not require a rating, change the Mode Code to K and enter Reply Code N. (e.g., AMSYKN\*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AG20)</u>
AK	FEET PER SECOND
BF	METERS PER SECOND

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL\*

AHUI A BELT MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE BELT.

Reply Instructions: Enter the number. (e.g., AHUIAM7\*; AHUIAM7\$AM7A1\*)

ALL\*

AHUK A CLIP MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE CLIP.

Reply Instructions: Enter the number. (e.g., AHUKAM8\*; AHUKAM8\$AM8A1\*)

ALL\*

AHUL A LINK MODEL NUMBER

FIIG T
Section Parts

APP  
Key MRC Mode Code Requirements

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE LINK.

Reply Instructions: Enter the number. (e.g., AHULAM9\*; AHULAM2\$AM9\*)

ALL\*

AHVR D CARTRIDGE GRADE DESIGNATOR

Definition: A DESIGNATION INDICATING THE RATED GRADE OF THE CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHVRDAB\*; AHVRDAB\$\$DAJ\*; AHVRDAB\$DAJ\*)

<u>REPLY CODE</u>	<u>REPLY (AF50)</u>
AB	AC (aircraft and antiaircraft machine gun)
AH	COMMERCIAL
AJ	HIGH PRESSURE TEST
AD	MATCH (match quality)
AC	MG (ground machine gun)
AE	NUMBER 1 (revolvers, pistols, and submachine guns)
AF	NUMBER 2 (pistols and submachine guns only)
AG	R (rifles, carbines)
AK	TEST

ALL

AHVQ D WEAPON FOR WHICH DESIGNED

Definition: AN INDICATION OF THE WEAPON(S) FOR WHICH THE ITEM IS DESIGNED.

FIIG T
Section Parts

APP  
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 5. (e.g., AHVQDAAH\*; AHVQDAHT\$\$DAHW\*; AHVQDAHT\$DAHW\*)

ALL\*

CZEF J CARTRIDGE CASE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A CARTRIDGE CASE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEFJL63.0\*)

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL\*

CZEG J CASELESS CARTRIDGE PROPELLANT CHARGE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE PROPELLANT CHARGE OF THE CASELESS CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEGJL47.0\*)

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL

DDAC A DOD AMMUNITION CODE

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

FIIG T
Section Parts

APP

Key

MRC

Mode Code

Requirements

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Reply Instructions: Enter the code.

(e.g., DDACA1315-C704\*)

FIIG T
Section Parts

# SECTION: C

APP

Key	MRC	Mode Code	Requirements
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ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED19815\*)

ALL

AHUG	D	CARTRIDGE GROUPING TYPE
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Definition: INDICATES THE PARTICULAR TYPE OF GROUPING IN WHICH THE CARTRIDGE IS SUPPLIED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHUGDB\*; AHUGDB\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AF44)</u>
B	BELTED
C	CLIPPED
D	LINKED
F #	PACK BARREL
E	SINGLE ROUND

NOTE FOR MRCS AHUH, AHUL, AMTA, AND AMTB: IF REPLY CODE B OR C IS ENTERED FOR MRC AHUG, REPLY TO MRC AHUH. IF REPLY CODE D IS ENTERED FOR MRC AHUG, REPLY TO MRCS AHUH, AHUL, AMTA, AND AMTB.

ALL\* (See Note Above)

AHUH	A	CARTRIDGE QUANTITY
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Definition: THE NUMBER OF CARTRIDGES OF WHICH THE GROUPING IS COMPOSED.

FIIG T
Section Parts

APP  
Key      MRC                      Mode Code              Requirements

---

Reply Instructions: Enter the quantity. (e.g., AHUHA50\*)

ALL\* (See Note Preceding MRC AHUH)

AHUL                      A                      LINK MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE LINK.

Reply Instructions: Enter the number. (e.g., AHULAM2\*; AHULAM2\$AM2A1\*)

ALL\* (See Note Preceding MRC AHUH)

AMTA                      D                      LINK FEED DIRECTION

Definition: THE DIRECTION THE LINK FEED IS DESIGNED TO CONVEY THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMTADL\*; AMTADL\$DR\*)

<u>REPLY CODE</u>	<u>REPLY (AA38)</u>
L	LEFT-HAND
R	RIGHT-HAND

ALL\* (See Note Preceding MRC AHUH)

AMTB                      D                      END LINK

Definition: AN INDICATION OF WHETHER OR NOT AN END LINK IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMTBDB\*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
	C		NOT INCLUDED

ALL

AMWN #            A            MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.

Reply Instructions: Enter the model number. (e.g., AMWNAM11\*)

ALL

AHUE            A            CARTRIDGE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE CARTRIDGE.

Reply Instructions: Enter the number. (e.g., AHUEAM35\*; AHUEAXM240\$AM240\*)

ALL

AHVQ            D            WEAPON FOR WHICH DESIGNED

Definition: AN INDICATION OF THE WEAPON(S) FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 5. (e.g., AHVQDAAH\*; AHVQDAAJ\$DAAL\*; AHVQDAAJ\$DAAL\*)

ALL\*

CZEF            J            CARTRIDGE CASE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A CARTRIDGE CASE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEFJL63.0\*)

FIIG T
Section Parts

APP  
Key

MRC

Mode Code

Requirements

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL\*

CZEG

J

CASELESS CARTRIDGE PROPELLANT  
CHARGE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE  
PROPELLANT CHARGE OF THE CASELESS CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from the table below followed by  
the numeric value. (e.g., CZEGJL47.0\*)

REPLY CODE

REPLY (AF47)

L

MILLIMETER

ALL

DDAC

A

DOD AMMUNITION CODE

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED  
INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC  
DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1315-C704\*)

ALL

CZHX #

D

BLANK CARTRIDGE GROUPING TYPE

Definition: INDICATES THE PARTICULAR KIND OF GROUPING IN WHICH  
THE BLANK CARTRIDGE IS SUPPLIED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g.,  
CZHXDB\*)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
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<u>REPLY CODE</u>	<u>REPLY (AF44)</u>
B	BELTED
C	CLIPPED
D	LINKED
E	SINGLE ROUND

NOTE FOR MRC CZHY: IF REPLY CODE E IS ENTERED IN REPLY TO MRC CZHX, OMIT CZHY.

ALL\* (See Note Above)

CZHY #	A	BLANK CARTRIDGE QUANTITY
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Definition: THE TOTAL NUMBER OF BLANK CARTRIDGES OF WHICH THE GROUPING IS COMPOSED.

Reply Instructions: Enter the quantity. (e.g., CZHYA50\*)

NOTE FOR MRC CZJG: IF WITHOUT MODEL NUMBER, OMIT CZJG.

ALL\* (See Note Above)

CZJG #	A	BLANK CARTRIDGE MODEL NUMBER
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Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE BLANK CARTRIDGE.

Reply Instructions: Enter the number. (e.g., CZJGAL13A1\*; CZJGAL13A1\$AL13A1B\*)

FIIG T
Section Parts

## SECTION: D

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED17176\*)

ALL

AHUR	D	CARTRIDGE CASE MATERIAL
------	---	-------------------------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CARTRIDGE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2. (e.g., AHURDALC000\*; AHURDME0000\$\$DPC0000\*; AHURDAL0000\$DBR0000\*)

ALL

AMWN #	A	MODEL NUMBER
--------	---	--------------

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.

Reply Instructions: Enter the model number. (e.g., AMWNAME11\*)

ALL

AHUE	A	CARTRIDGE MODEL NUMBER
------	---	------------------------

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE CARTRIDGE.

Reply Instructions: Enter the number. (e.g., AHUEAM35\*; AHUEAM257\$AXM257\*)

ALL

AHUF	D	CARTRIDGE DESIGN TYPE
------	---	-----------------------

FIIG T
Section Parts

APP  
Key      MRC                      Mode Code      Requirements

---

Definition: INDICATES THE DESIGN TYPE CHARACTERISTIC OF THE CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., AHUFDABV\*; AHUFDAAW\$DABX\*)

NOTE FOR MRC CZHZ: IF WITHOUT SHOTGUN CARTRIDGE MODEL NUMBER, OMIT CZHZ.

ALL\* (See Note Above)

CZHZ #                      A                      SHOTGUN CARTRIDGE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE SHOTGUN CARTRIDGE.

Reply Instructions: Enter the number. (e.g., CZHZAFN28\*)

ALL

CZJA #                      D                      SHOTGUN CARTRIDGE DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE CHARACTERISTIC OF THE SHOTGUN CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., CZJADAAW\*)

NOTE FOR MRCS AHVS, AHVT, AND AHVU: IF REPLY CODE ABX IS ENTERED FOR MRC AHUF, REPLY TO MRCS AHVS AND AHVT. IF REPLY CODE AAW IS ENTERED FOR MRC AHUF, REPLY TO MRCS AHVS AND AHVU.

ALL\* (See Note Above)

AHVS                      D                      SHOT LOAD SIZE DESIGNATOR

Definition: A DESIGNATION INDICATING THE RATED SIZE OF THE BUCKSHOT OR SHOT CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 6. (e.g., AHVSDAE\*; AHVSDAG\$DAH\*)

ALL\* (See Note Preceding MRC AHVS)

AHVT                      J                      SHOT WEIGHT

FIIG T
Section Parts

APP  
Key      MRC                      Mode Code              Requirements

---

Definition: THE WEIGHT OF THE SHOT.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AHVTJUA1.500\*; AHVTJUB1.250\$JUC1.750\*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AB16)</u>
R	GRAMS
U	OUNCES

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL\* (See Note Preceding MRC AHVS)

AHVU                      A                      BUCKSHOT PELLET QUANTITY

Definition: THE NUMBER OF PELLETS WHICH COMPOSE THE BUCKSHOT LOAD.

Reply Instructions: Enter the quantity. (e.g., AHVUA9\*)

ALL

AHUX                      D                      TRACER ELEMENT

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM INCLUDES A TRACER ELEMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHUXDB\*)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
		B	INCLUDED
		C	NOT INCLUDED

ALL

AHUQ                      J                      CHAMBER DEPTH FOR WHICH DESIGNED

Definition: THE DEPTH OF THE CHAMBER FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AHUQJAA2.750\*; AHUQJAB2.500\$JAC3.000\*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AA05)</u>
A	INCHES
L	MILLIMETERS

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL\*

AHVK                      J                      PROPELLING CHARGE WEIGHT

Definition: THE WEIGHT OF THE PROPELLING CHARGE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AHVKJD3.000\*)

FIIG T
Section Parts

APP  
Key      MRC                      Mode Code              Requirements

---

<u>REPLY CODE</u>	<u>REPLY (AB16)</u>
R	GRAMS
D	OUNCES PER LINEAR FOOT

ALL\*

CZEF                      J                      CARTRIDGE CASE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A CARTRIDGE CASE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEFJL63.0\*)

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL\*

CZEG                      J                      CASELESS CARTRIDGE PROPELLANT  
CHARGE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE PROPELLANT CHARGE OF THE CASELESS CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEGJL47.0\*)

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
	DDAC	A	DOD AMMUNITION CODE

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1315-C704\*)

FIIG T
Section Parts

# SECTION: E

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED21289\*)

EB, EC, ED, EF

AHUR	D	CARTRIDGE CASE MATERIAL
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Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CARTRIDGE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2. (e.g., AHURDBR0000\*; AHURDAL0000\$\$DBR0000\*; AHURDAL0000\$DBR0000\*)

ALL

AHUF	D	CARTRIDGE DESIGN TYPE
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Definition: INDICATES THE DESIGN TYPE CHARACTERISTIC OF THE CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., AHUFDAAR\*; AHUFDABB\$\$DACC\*; AHUFDABM\$DABN\*)

ALL

AMWN #	A	MODEL NUMBER
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Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.

Reply Instructions: Enter the model number. (e.g., AMWNAME11\*)

ALL\*

AHUE	A	CARTRIDGE MODEL NUMBER
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Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE CARTRIDGE.

Reply Instructions: Enter the number. (e.g., AHUEAM35\*; AHUEAT142\$AT142E3\*)

ALL\*

AHUZ D FUZE TYPE

Definition: INDICATES THE TYPE OF FUZE INCLUDED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 4. (e.g., AHUZDAF\*; AHUZDAG\$\$DAH\*; AHUZDAG\$DAH\*)

ALL\*

AHVB A FUZE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE FUZE.

Reply Instructions: Enter the number. (e.g., AHVBAM51A5\*; AHVBAM51A4\$AM51A5\*)

ALL\*

AHVA J FUZE DELAY TIME

Definition: THE PERIOD OF ELAPSED TIME BETWEEN INITIATION OF THE FUZE AND DETONATION OF THE CHARGE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AHVAJACA0.150\*; AHVAJABB0.100\$\$JABC0.200\*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AH68)</u>
AB	MINUTES
AC	SECONDS

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Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

EA, EC, ED, EE, EF

AHUS D PROJECTILE FILLER TYPE

Definition: INDICATES THE TYPE OF FILLER WHICH IS CONTAINED WITHIN THE PROJECTILE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 3. (e.g., AHUSDBP\*; AHUSDBN\$\$DBQ\*; AHUSDBN\$DBQ\*)

EA\*, EE\*

AHVP A PROPELLING CHARGE INCREMENT  
QUANTITY

Definition: THE NUMBER OF INCREMENTS WHICH COMPOSE THE PROPELLING CHARGE.

Reply Instructions: Enter the quantity. (e.g., AHVPA25-1/2\*;AHVPA2\$\$A22\* )

EA\*, EE\*

AHVL A PROPELLING CHARGE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE PROPELLING CHARGE.

Reply Instructions: Enter the number. (e.g., AHVLAM3A1\*; AHVLAM285\$AXM285\*)

EC\*

AHWN D PROPELLING CHARGE FEATURE TYPE

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Definition: INDICATES THE PARTICULAR TYPE OF PROPELLING CHARGE FEATURE INCORPORATED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHWNDE\*; AHWNDB\$DE\*; AHWNDB\$DE\*)

<u>REPLY CODE</u>	<u>REPLY (AF55)</u>
B	FLASHLESS
E	SMOKELESS

EA\*, EE\*

AHVH A IGNITION CARTRIDGE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE IGNITION CARTRIDGE.

Reply Instructions: Enter the number. (e.g., AHVHAM5A1\*; AHVHAM285\$AXM285\*)

EC

AMTG D PROPELLANT CHARACTERISTIC MARKINGS

Definition: AN INDICATION OF WHETHER OR NOT PROPELLANT CHARACTERISTIC MARKINGS ARE REQUIRED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMTGDB\*)

<u>REPLY CODE</u>	<u>REPLY (AE40)</u>
C	NOT REQUIRED
B	REQUIRED

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ED

AMTJ                    D                    PROPELLANT GRANULATION TYPE

Definition: INDICATES THE TYPE OF PROPELLANT GRANULATION USED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMTJDAD\*; AMTJDAC\$DAD\*)

<u>REPLY CODE</u>	<u>REPLY (AN45)</u>
AC	DUAL
AD	SINGLE

EA, EC, ED

AHVJ                    D                    SUPPLEMENTARY CHARGE

Definition: AN INDICATION OF WHETHER OR NOT A SUPPLEMENTARY CHARGE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHVJDB\*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

EA\*, EC\*, ED\*

AMTM                    D                    PROXIMITY FUZE ADAPTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM IS ADAPTABLE FOR PROXIMITY FUZE.

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Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMTMDP\*)

<u>REPLY CODE</u>	<u>REPLY (AJ23)</u>
P	ADAPTABLE
M	NOT ADAPTABLE

EE

AMTX                    A                    PERCUSSION PRIMER MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE PERCUSSION PRIMER.

Reply Instructions: Enter the number. (e.g., AMTXAM32\*; AMTXAM71A2\$AM71A1E1\*)

NOTE FOR MRC CZJF: IF WITHOUT ELECTRIC PRIMER MODEL NUMBER, OMIT CZJF.

EC\*, ED\*, EF\* (See Note Above)

CZJF #                    A                    ELECTRIC PRIMER MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ELECTRIC PRIMER.

Reply Instructions: Enter the number. (e.g., CZJFAM52A3\*; CZJFAM52A3\$AM52A4\*)

EB, EC

AMSY                    J                    MUZZLE VELOCITY

Definition: THE VELOCITY OF AN ITEM AT THE MOMENT OF LEAVING THE MUZZLE.

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Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AMSYJAKA2700.0\*; AMSYJAKB2600.0\$\$JAKC2800.0\*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AG20)</u>
AK	FEET PER SECOND
BF	METERS PER SECOND

Table 2

<u>REPLY CODE</u>	<u>REPLY (AC20)</u>
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL

AHVQ D WEAPON FOR WHICH DESIGNED

Definition: AN INDICATION OF THE WEAPON(S) FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 5. (e.g., AHVQDAAH\*; AHVQDABY\$\$DABZ\*; AHVQDABY\$DABZ\*)

ALL\*

CZEF J CARTRIDGE CASE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A CARTRIDGE CASE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEFJL63.0\*)

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<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL\*

CZEG J CASELESS CARTRIDGE PROPELLANT  
CHARGE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE PROPELLANT CHARGE OF THE CASELESS CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEGJL47.0\*)

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL

DDAC A DOD AMMUNITION CODE

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1315-C704\*)

EE

CZJB # D MORTAR BOMB DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE CHARACTERISTIC OF THE MORTAR BOMB.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., CZJBDAAF\*; CZJBDAAF\$\$DAAR\*; CZJBDAAB\$DAAC\*)

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Key    MRC                    Mode Code    Requirements

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NOTE FOR MRC CZJC: IF WITHOUT MODEL NUMBER, OMIT MRC CZJC.

EE\* (See Note Above)

CZJC #                    A                    MORTAR BOMB MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE MORTAR BOMB.

Reply Instructions: Enter the number. (e.g., CZJCAL10A1\*; CZJCAL10A\$AL10B\*)

EE

CZJE #                    D                    MORTAR BOMB FILLER TYPE

Definition: INDICATES THE TYPE OF FILLER WHICH IS CONTAINED WITHIN THE MORTAR BOMB.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 3. (e.g., CZJEDFC\*; CZJEDAK\$\$DFC\*)

NOTE FOR MRC ADAC: IF WITHOUT ARMY DEPARTMENT AMMUNITION CODE, OMIT MRC ADAC.

ALL\* (See Note Above)

ADAC #                    A                    ARMY DEPARTMENT AMMUNITION CODE

Definition: A SEVEN (7) OR EIGHT (8) CHARACTER SIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN ASSIGNED TO ITEMS OF SUPPLY IN NSG/FSG 13 AND 14 WHICH HAVE AN EXPLOSIVE CONTENT.

Reply Instructions: Enter the number.

(e.g., ADACA3541-01\*;

ADACA3541-01A\*)

NOTE FOR MRC CZJD: IF WITHOUT HAZARD CODE, OMIT MRC CZJD.

ALL\* (See Note Above)

CZJD #                    A                    HAZARD CODE

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Key

MRC

Mode Code

Requirements

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Definition: A THREE (3) CHARACTER SIGNIFICANT NUMBER (COMPOSED OF TWO DIGITS AND ONE LETTER, THE TWO DIGITS BEING SEPARATED BY FULL STOP) ASSIGNED BY THE EXPLOSIVES STORAGE AND TRANSPORT COMMITTEE TO CLASSIFY THE UN HAZARD DIVISION AND THE UN AND NATO COMPATIBILITY GROUP OF MILITARY EXPLOSIVES.

Reply Instructions: Enter the number. (e.g., CZJDA1.1E\*)

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# SECTION: F

APP

Key	MRC	Mode Code	Requirements
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ALL

NAME	D	ITEM NAME
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Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED19883\*)

ALL

AHUR	D	CARTRIDGE CASE MATERIAL
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Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CARTRIDGE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2. (e.g., AHURDPC0000\*; AHURDBR0000\$\$DST0000\*; AHURDBR0000\$DST0000\*)

ALL

AHUF	D	CARTRIDGE DESIGN TYPE
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Definition: INDICATES THE DESIGN TYPE CHARACTERISTIC OF THE CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., AHUFDABB\*; AHUFDABB\$\$DADJ\*; AHUFDACG\$DACH\*)

ALL

AHUM	D	NOSE FUZE TYPE
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Definition: INDICATES THE TYPE OF NOSE FUZE INCLUDED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 4. (e.g., AHUMDAE\*; AHUMDAG\$\$DAH\*; AHUMDAG\$DAH\*)

ALL\*

AMTR	A	NOSE FUZE MODEL NUMBER
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FIIG T
Section Parts

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

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Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE NOSE FUZE.

Reply Instructions: Enter the number. (e.g., AMTRAMK50MOD0\*; AMTRAMK72MOD10\$AMK72MOD12\*)

ALL\*

AHVD	A	AUXILIARY DETONATING FUZE MODEL NUMBER
------	---	--

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE AUXILIARY DETONATING FUZE.

Reply Instructions: Enter the number. (e.g., AHVDAMK54MOD0\*; AHVDAMK44MOD1\$AMK44MOD3\*)

ALL\*

AHVF	A	BOOSTER MODEL NUMBER
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Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE BOOSTER.

Reply Instructions: Enter the number. (e.g., AHVFMAMK30MOD0\*; AHVFMAMK39MOD1\$AMK39MOD2\*)

ALL\*

AMTS	A	BASE FUZE MODEL NUMBER
------	---	------------------------

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE BASE FUZE.

Reply Instructions: Enter the number. (e.g., AMTSAMK31MOD2\*; AMTSAMK28MOD15\$AMK28MOD17\*)

ALL\*

AHUW	A	PROJECTILE MODEL NUMBER
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Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE PROJECTILE.

Reply Instructions: Enter the number. (e.g., AHUWAMK34MOD10\*; AHUWAMK33MOD0\$AMK33MOD1\*)

ALL\*

AHUS D PROJECTILE FILLER TYPE

Definition: INDICATES THE TYPE OF FILLER WHICH IS CONTAINED WITHIN THE PROJECTILE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 3. (e.g., AHUSDAB\*; AHUSET\$DBQ\*; AHUSET\$DBQ\*)

ALL\*

AHUV D PROJECTILE BURST COLOR

Definition: THE COLOR OF THE SMOKE CLOUD PRODUCED BY THE PROJECTILE WHEN EXPLODED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHUVDGR0000\*; AHUVDGY0000\$DGR0000\*; AHUVDGY0000\$DGR0000\*)

<u>REPLY CODE</u>	<u>REPLY (AD06)</u>
BU0000	BLUE
GY0000	GRAY
GR0000	GREEN
RG0000	ORANGE
RE0000	RED
VL0000	VIOLET
WH0000	WHITE
YE0000	YELLOW

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ALL

AHWN D PROPELLING CHARGE FEATURE TYPE

Definition: INDICATES THE PARTICULAR TYPE OF PROPELLING CHARGE FEATURE INCORPORATED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHWNDB\*)

<u>REPLY CODE</u>	<u>REPLY (AF55)</u>
B	FLASHLESS
D	NONFLASHLESS

ALL

AHVG A PRIMER MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE PRIMER.

Reply Instructions: Enter the number. (e.g., AHVGAMK10\*; AHVGAMK44MOD1\$AMK44MOD2\*; AHVGAMK41MOD1\$AMK41MOD2\*)

ALL

AHVQ D WEAPON FOR WHICH DESIGNED

Definition: AN INDICATION OF THE WEAPON(S) FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 5. (e.g., AHVQDAAH\*; AHVQDABN\$DABP\*; AHVQDABN\$DABP\*)

ALL\*

CZEF J CARTRIDGE CASE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A CARTRIDGE CASE, IN DISTINCTION FROM WIDTH.

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Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEFJL63.0\*)

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL\*

CZEG	J	CASELESS CARTRIDGE PROPELLANT CHARGE LENGTH
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Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE PROPELLANT CHARGE OF THE CASELESS CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEGJL47.0\*)

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL

DDAC	A	DOD AMMUNITION CODE
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Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1315-C704\*)

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# SECTION: G

APP

Key	MRC	Mode Code	Requirements
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ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED19852\*)

ALL

AHUR	D	CARTRIDGE CASE MATERIAL
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Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CARTRIDGE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2. (e.g., AHURDST0000\*; AHURDAL0000\$\$DBR0000\*; AHURDBR0000\$DST0000\*)

ALL

AMWN #	A	MODEL NUMBER
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Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.

Reply Instructions: Enter the model number. (e.g., AMWNAME11\*)

ALL\*

AHUE	A	CARTRIDGE MODEL NUMBER
------	---	------------------------

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE CARTRIDGE.

Reply Instructions: Enter the number. (e.g., AHUEAM35\*; AHUEAMK5MOD0\$AMK5MOD1\*)

ALL

AHVG	A	PRIMER MODEL NUMBER
------	---	---------------------

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Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE PRIMER.

Reply Instructions: Enter the number. (e.g., AHVGAMK14\*; AHVGAM1A1\$AM1A2\*)

ALL\*

AHVK J PROPELLING CHARGE WEIGHT

Definition: THE WEIGHT OF THE PROPELLING CHARGE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AHVKJP2.500\*; AHVKJK6.900\*)

<u>REPLY CODE</u>	<u>REPLY (AB16)</u>
K	KILOGRAMS
P	POUNDS

ALL

AHVQ D WEAPON FOR WHICH DESIGNED

Definition: AN INDICATION OF THE WEAPON(S) FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 5. (e.g., AHVQDAAH\*; AHVQDAAH\$DADQ\*; AHVQDAAH\$DADQ\*)

ALL\*

CZEF J CARTRIDGE CASE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A CARTRIDGE CASE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEFJL63.0\*)

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	<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
	L	MILLIMETER

ALL\*

CZEG	J	CASELESS CARTRIDGE PROPELLANT CHARGE LENGTH
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Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE PROPELLANT CHARGE OF THE CASELESS CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEGJL47.0\*)

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL

DDAC	A	DOD AMMUNITION CODE
------	---	---------------------

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1315-C704\*)

FIIG T
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# SECTION: H

APP

Key	MRC	Mode Code	Requirements
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ALL

NAME	D	ITEM NAME
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Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED19879\*)

ALL

AHUF	D	CARTRIDGE DESIGN TYPE
------	---	-----------------------

Definition: INDICATES THE DESIGN TYPE CHARACTERISTIC OF THE CARTRIDGE.

*Reply Instructions: Enter the applicable from Appendix C, Table 1 and Appendix A, Table 1. (e.g., AHUF1ADABE \*; AHUF1BDABF\*)*

ALL

AHUZ	D	FUZE TYPE
------	---	-----------

Definition: INDICATES THE TYPE OF FUZE INCLUDED WITH THE ITEM.

*Reply Instructions: Enter the applicable Reply Code from Appendix C, Table 1 and Appendix A, Table 4. (e.g., AHUZ1ADAG \*; AHUZ1BDAH \*;*

ALL

AHVB	A	FUZE MODEL NUMBER
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Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE FUZE.

*Reply Instructions: Use Appendix C, Table 1 then enter the number. (e.g., AHVB1AAMK78MOD1\*; AHVB1BAMK78MOD2\*;*

ALL

AHUR	D	CARTRIDGE CASE MATERIAL
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Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CARTRIDGE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

*Reply Instructions: Enter the applicable Reply Code from Appendix C, Table 1 and Appendix A, Table 2. (e.g., AHURIADBR0000\*; AHURIBDST0000\*)*

ALL

AMWN # A MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.

Reply Instructions: Enter the model number. (e.g., AMWNAME11\*)

ALL

AHUE A CARTRIDGE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE CARTRIDGE.

*Reply Instructions: See Appendix C, Table 1 then enter the number. (e.g., AHUE1AAM35\*; AHUE1BAM36\*);*

ALL\* (See Note Preceding MRC AHUF)

AHUW A PROJECTILE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE PROJECTILE.

*Reply Instructions: See Appendix C, Table 1 then enter the number. (e.g., AHUW1AAM97\*, AHUW1BAM96\*) );*

ALL

AHUS D PROJECTILE FILLER TYPE

Definition: INDICATES THE TYPE OF FILLER WHICH IS CONTAINED WITHIN THE PROJECTILE.

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APP Key	MRC	Mode Code	Requirements
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*Reply Instructions: Enter the applicable Reply Code from Appendix C, Table 1 and Appendix A, Table 3. (e.g., AHUS1ADFD; AHUS1BDET)*

HA\*

AHUH	A	CARTRIDGE QUANTITY
------	---	--------------------

Definition: THE NUMBER OF CARTRIDGES OF WHICH THE GROUPING IS COMPOSED.

Reply Instructions: Enter the quantity. (e.g., AHUHA250\*)

NOTE FOR MRCS AHUP, AHUL, AHUN, AND AMTA: IF A REPLY IS ENTERED FOR MRC AHUH, REPLY TO THESE MRCS.

HA\* (See Note Above)

AHUP	A	CARTRIDGE GROUPING FUNCTIONAL SEQUENCE
------	---	--

Definition: AN INDICATION OF THE SEQUENCING OF THE DIFFERENT TYPES OF CARTRIDGES WITHIN THE CARTRIDGE GROUPING.

Reply Instructions: Enter the reply in the same sequence as MRC AHUF.

(e.g., AHUPA2-2-1\*)

If cartridges are the same type, do not reply to this requirement.

HA\* (See Note Preceding MRC AHUP)

AHUL	A	LINK MODEL NUMBER
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Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE LINK.

Reply Instructions: Enter the number. (e.g., AHULAM9\*; AHULAM8\$AM8E1\*)

HA\* (See Note Preceding MRC AHUP)

AHUN	A	END LINK MODEL NUMBER
------	---	-----------------------

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE END LINK.

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Key    MRC                    Mode Code            Requirements

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Reply Instructions: Enter the number. (e.g., AHUNAM4\*; AHUNAM4\$AM4A1\*)

HA\* (See Note Preceding MRC AHUP)

AMTA                    D                    LINK FEED DIRECTION

Definition: THE DIRECTION THE LINK FEED IS DESIGNED TO CONVEY THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMTADL\*; AMTADL\$DR\*)

<u>REPLY CODE</u>	<u>REPLY (AA38)</u>
L	LEFT-HAND
R	RIGHT-HAND

ALL

AHUX                    D                    TRACER ELEMENT

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM INCLUDES A TRACER ELEMENT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHUXDB\*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

ALL\*

AHUY                    A                    TRACER ELEMENT MODEL NUMBER

FIG T
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APP  
Key MRC Mode Code Requirements

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE TRACER ELEMENT.

Reply Instructions: Enter the number. (e.g., AHUYAMK11MOD2\*; AHUYAMK11MOD1\$AMK11MOD2\*)

ALL

AHVQ D WEAPON FOR WHICH DESIGNED

Definition: AN INDICATION OF THE WEAPON(S) FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 5. (e.g., AHVQDAAH\*; AHVQDABQ\$\$DABG\*; AHVQDABQ\$DABG\*)

HA

AHVN D DETONATION INITIATION METHOD

Definition: THE MEANS USED TO INITIATE DETONATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHVNDB\*; AHVNDB\$\$DC\*; AHVNDB\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AF48)</u>
B	ELECTRIC
C	PERCUSSION

ALL\*

AHVG A PRIMER MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE PRIMER.

Reply Instructions: Enter the number. (e.g., AHVGAMK14\*; AHVGAM1A1\$AM1A2\*)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
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ALL\*

CZEF	J	CARTRIDGE CASE LENGTH
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Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A CARTRIDGE CASE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEFJL63.0\*)

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL\*

CZEG	J	CASELESS CARTRIDGE PROPELLANT CHARGE LENGTH
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Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE PROPELLANT CHARGE OF THE CASELESS CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEGJL47.0\*)

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL

DDAC	A	DOD AMMUNITION CODE
------	---	---------------------

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS WITH A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

FIG T
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---

(e.g., DDACA1315-C704\*)

FIG T
Section Parts

# SECTION: J

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED28611\*)

ALL

AHUR	D	CARTRIDGE CASE MATERIAL
------	---	-------------------------

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CARTRIDGE CASE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 2. (e.g., AHURDBR0000\*; AHURDAL0000\$\$DBR0000\*; AHURDAL0000\$DBR0000\*)

ALL

AHUF	D	CARTRIDGE DESIGN TYPE
------	---	-----------------------

Definition: INDICATES THE DESIGN TYPE CHARACTERISTIC OF THE CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 1. (e.g., AHUFDABH\*; AHUFDAAQ\$\$DAAR\*; AHUFDAAQ\$DAAR\*)

ALL

AMWN #	A	MODEL NUMBER
--------	---	--------------

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.

Reply Instructions: Enter the model number. (e.g., AMWNAME11\*)

ALL\*

AHUE	A	CARTRIDGE MODEL NUMBER
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FIIG T
Section Parts

APP  
Key MRC Mode Code Requirements

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE CARTRIDGE.

Reply Instructions: Enter the number. (e.g., AHUEAM35\*; AHUEAXM590\$AXM590E1\*)

ALL

AHUS D PROJECTILE FILLER TYPE

Definition: INDICATES THE TYPE OF FILLER WHICH IS CONTAINED WITHIN THE PROJECTILE.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 3. (e.g., AHUSDBL\*; AHUSDAC\$\$DBV\*; AHUSDAC\$DBV\*)

ALL

AHVQ D WEAPON FOR WHICH DESIGNED

Definition: AN INDICATION OF THE WEAPON(S) FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 5. (e.g., AHVQDAAH\*; AHVQDAAW\$\$DAGD\*; AHVQDABQ\$DACX\*)

ALL\*

CZEF J CARTRIDGE CASE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A CARTRIDGE CASE IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEFJL63.0\*)

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL\*

FIIG T
Section Parts

APP  
Key

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CZEG

J

CASELESS CARTRIDGE PROPELLANT  
CHARGE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE  
PROPELLANT CHARGE OF THE CASELESS CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from the table below followed by  
the numeric value. (e.g., CZEGJL49.0\*)

REPLY CODE

REPLY (AF47)

L

MILLIMETER

ALL

DDAC

A

DOD AMMUNITION CODE

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED  
INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC  
DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1315-C704\*)

FIG T
Section Parts

# SECTION: K

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED20082\*)

ALL

AHVM	J	CARTRIDGE SIZE
------	---	----------------

Definition: THE DESIGNATED SIZE OF THE CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the size. (e.g., AHVMJC0.30\*; AHVMJL7.62\*)

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
C	CALIBER
G	GAGE
L	MILLIMETER

ALL

AMWN #	A	MODEL NUMBER
--------	---	--------------

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.

Reply Instructions: Enter the model number. (e.g., AMWNAME11\*)

ALL\*

AHUE	A	CARTRIDGE MODEL NUMBER
------	---	------------------------

FIG T
Section Parts

APP  
Key MRC Mode Code Requirements

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE CARTRIDGE.

Reply Instructions: Enter the number. (e.g., AHUEAM35\*; AHUEAM745\$AXM745\*)

ALL

AHVQ D WEAPON FOR WHICH DESIGNED

Definition: AN INDICATION OF THE WEAPON(S) FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 5. (e.g., AHVQDAAH\*; AHVQDAAH\$\$DAAJ\*; AHVQDABQ\$DACX\*)

ALL\*

CZEF J CARTRIDGE CASE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A CARTRIDGE CASE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEFJL63.0\*)

REPLY CODE

REPLY (AF47)

L

MILLIMETER

ALL\*

CZEG J CASELESS CARTRIDGE PROPELLANT CHARGE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE PROPELLANT CHARGE OF THE CASELESS CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEGJL47.0\*)

FIIG T
Section Parts

APP  
Key    MRC                    Mode Code            Requirements

---

<u>REPLY CODE</u>	<u>REPLY (AF47)</u>
L	MILLIMETER

ALL

DDAC                    A                    DOD AMMUNITION CODE

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1315-C704\*)

FIIG T
Section Parts

# SECTION: M

APP

Key	MRC	Mode Code	Requirements
-----	-----	-----------	--------------

ALL

NAME	D	ITEM NAME
------	---	-----------

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the applicable Item Name Code from the index appearing in the General Information Section. (e.g., NAMED29766\*)

ALL

AHVC	D	FUZE
------	---	------

Definition: AN INDICATION OF WHETHER OR NOT A FUZE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHVCDB\*)

<u>REPLY CODE</u>	<u>REPLY (AA49)</u>
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS AHUZ, AHVB, AND AHVV: IF REPLY CODE B IS ENTERED FOR MRC AHVC, REPLY TO MRCS AHUZ AND AHVB. IF REPLY CODE C IS ENTERED FOR MRC AHVC, REPLY TO MRC AHVV.

ALL\* (See Note Above)

AHUZ	D	FUZE TYPE
------	---	-----------

Definition: INDICATES THE TYPE OF FUZE INCLUDED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 4. (e.g., AHUZDAG\*; AHUZDBB\$\$DAG\*; AHUZDAG\$DAH\*)

ALL\* (See Note Preceding MRC AHUZ)

AHVB	A	FUZE MODEL NUMBER
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FIIG T
Section Parts

APP  
Key      MRC                      Mode Code      Requirements

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Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE FUZE.

Reply Instructions: Enter the number. (e.g., AHVBAM50B2\*; AHVBAMK22MOD1\$AMK22MOD2\*)

ALL\* (See Note Preceding MRC AHUZ)

AHVV                      D                      NOSE FEATURE TYPE

Definition: INDICATES THE PARTICULAR TYPE OF NOSE FEATURE CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHVVDB\*; AHVVDB\$DC\*)

<u>REPLY CODE</u>	<u>REPLY (AF52)</u>
B	DUMMY PLUG
C	SHIPPING PLUG
D	SOLID

ALL

AMWN #                      A                      MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE ITEM.

Reply Instructions: Enter the model number. (e.g., AMWNAME11\*)

ALL

AHUE                      A                      CARTRIDGE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE CARTRIDGE.

FIIG T
Section Parts

APP  
Key MRC Mode Code Requirements

Reply Instructions: Enter the number. (e.g., AHUEAM35\*; AHUEAM17\$AM17B1\*)

ALL

AHVQ D WEAPON FOR WHICH DESIGNED

Definition: AN INDICATION OF THE WEAPON(S) FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 5. (e.g., AHVQDAAH\*; AHVQDAFK\$\$DAFP\*; AHVQDABQ\$DACX\*)

ALL\*

CZEF J CARTRIDGE CASE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A CARTRIDGE CASE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEFJL63.0\*)

REPLY CODE

REPLY (AF47)

L

MILLIMETER

ALL\*

CZEG J CASELESS CARTRIDGE PROPELLANT CHARGE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE PROPELLANT CHARGE OF THE CASELESS CARTRIDGE.

Reply Instructions: Enter the applicable Reply Code from the table below followed by the numeric value. (e.g., CZEGJL47.0\*)

REPLY CODE

REPLY (AF47)

L

MILLIMETER

FIIG T
Section Parts

APP			
Key	MRC	Mode Code	Requirements

---

ALL

DDAC                      A                      DOD AMMUNITION CODE

Definition: A NINE (9) CHARACTER SEMISIGNIFICANT NUMBER DIVIDED INTO TWO PARTS BY A HYPHEN CENTRALLY ASSIGNED TO GENERIC DESCRIPTIONS APPLICABLE TO ITEMS OF SUPPLY IN FSG 13 AND 14.

Reply Instructions: Enter the code.

(e.g., DDACA1315-C704\*)

FIIG T
Section Parts

**SECTION: STANDARD**

APP

Key    MRC            Mode Code    Requirements

ALL\*

FEAT            G            SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP\*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE\*)

ALL\*

TEST            J            TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321\*;  
TESTJA1234A-654321\$\$JB5556A-663654\*;  
TESTJAA2345-654321\$JB55566-663654\*)

<u>REPLY</u> <u>CODE</u>	<u>REPLY (AC28)</u>
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are

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Section Parts

APP

Key MRC Mode Code Requirements

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		shown as "typical," "average," "nominal," etc.)
	B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)
	C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL\*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS\*)

ALL\*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B\*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED\*;

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APP

Key MRC Mode Code Requirements

ZZZKJP80205-NAS1103\*;

ZZZKJS81349-MIL-C-1140C/CE/\*;

ZZZKJT81337-30642B\$\$JP80205-NAS1103\*)

REPLY  
CODE

REPLY (AN62)

S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL\* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from [Appendix A](#), Table 8, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1\*; ZZZTJTY1\$\$JSTA\*; ZZZTJTY1\$JSTA\*)

FIIG T
Section Parts

APP  
Key    MRC            Mode Code    Requirements

---

ALL\*

ZZZW            G            DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL\*)

ALL\*

ZZZX            G            DEPARTURE FROM CITED DESIGNATOR

Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL\*)

ALL\*

ZZZY            G            REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS\*; ZZZYGAS DIFFERENTIATED BY MATERIAL\*)

ALL\*

CRTL            A            CRITICALITY CODE JUSTIFICATION

FIIG T
Section Parts

APP

Key MRC Mode Code Requirements

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Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL\*; CRTLAMATL\$\$ASURF\*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL\* (See Note Above)

PRPY A PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding (\$\$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS\*; PRPYANPAC\*; PRPYAMATL\$\$ASURF\*)

ALL\*

ELRN G EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365\*).

FIIG T
Section Parts

APP

Key      MRC              Mode Code      Requirements

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If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL\*

ELCD              D                      EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA\*)

<u>REPLY</u>	<u>REPLY (AN58)</u>
<u>CODE</u>	
A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

FIIG T
Section Parts

# SECTION: SUPPTECH

APP

Key	MRC	Mode Code	Requirements
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ALL

CBME #	J	CUBIC MEASURE
--------	---	---------------

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., CBMEJCC67.056\*)

<u>REPLY CODE</u>	<u>REPLY (AN76)</u>
CC	CUBIC CENTIMETERS
CF	CUBIC FEET
CN	CUBIC INCHES
CB	CUBIC MILLIMETERS

ALL

AFJK	J	CUBIC MEASURE
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Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJF1.0219\*; AFJKJE0.3\*)

<u>REPLY CODE</u>	<u>REPLY (AD42)</u>
F	CUBIC FEET
E	CUBIC METERS

ALL

FIIG T
Section Parts

APP  
Key

MRC

Mode Code

Requirements

SUPP

G

SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT\*)

ALL

GRWT

J

GROSS WEIGHT

Definition: THE COMBINED WEIGHT OF THE ITEM AND ITS LOADED CONTENTS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., GRWTJARAS2000.0\*; GRWTJARAJ50.0\*; GRWTJARAS2000.0\$\$JEBAS100.5\*)

Table 1

REPLY CODE

REPLY (AD28)

AR

PALLET

EJ

PALLET DOMESTIC, US NA VY

EK

PALLET FLEET, US NA VY

ED

PALLET, US AIR FORCE

EE

PALLET, US ARMY

EF

PALLET, US MARINE CORPS

EB

SHIPPING CONTAINER

Table 2

REPLY CODE

REPLY (AG67)

AJ

KILOGRAMS

AS

POUNDS

FIIG T
Section Parts

APP  
Key MRC Mode Code Requirements

---

ALL

CZKA J PACKAGE REFERENCE NUMBER

Definition: AN ALPHA-NUMERIC CODE IDENTIFYING THE DRAWING AND/OR SPECIFICATION WHICH CONTROLS THE LOADING OF THE PACKAGE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the identifying reference. (e.g., CZKAJAB12402361\*; CZKAJABDL1354/4\*; CZKAJAB23614012\$\$JAC134260\*)

<u>REPLY CODE</u>	<u>REPLY (AF94)</u>
AA	AUSTRALIAN ARMY
AR	ROYAL AUSTRALIAN AIR FORCE
AU	ROYAL AUSTRALIAN NAVY
AB	US AIR FORCE
AC	US ARMY
AD	US MARINE CORPS
AE	US NAVY

ALL

EXWT J NET EXPLOSIVE WEIGHT

Definition: THE NET WEIGHT OF THE EXPLOSIVE CONTENT OF THE ITEM FOR TRANSPORTATION AND/OR STORAGE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., EXWTJBBRAS100.0\*; EXWTJBBRAJ5.5\*; EXWTJBBQAS500.0\$\$JBBRAS300.0\*)

Table 1

<u>REPLY CODE</u>	<u>REPLY (AH21)</u>
-------------------	---------------------

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APP Key	MRC	Mode Code	Requirements
		BBQ	STORAGE
		BBR	TRANSPORTATION
<u>Table 2</u>			
		<u>REPLY CODE</u>	<u>REPLY (AG67)</u>
		AJ	KILOGRAMS
		AS	POUNDS

ALL

QTSC            A            QUANTITY PER SHIPPING CONTAINER

Definition: THE NUMBER OF ITEMS PER SHIPPING CONTAINER.

Reply Instructions: Enter the quantity. (e.g., QTSCA100\*)

ALL

SCQP            A            SHIPPING CONTAINER QUANTITY PER  
PALLET

Definition: THE NUMBER OF SHIPPING CONTAINER(S) PER PALLET.

Reply Instructions: Enter the applicable Identified Secondary Address Code from [Appendix C](#), Table 3, followed by the mode code and the number of shipping containers. (e.g., SCQP1BA30\*; SCQP1BA30\$\$A40\*)

ALL

HMCC            J            HAZARDOUS MATERIAL CLASSIFICATION  
CODE

Definition: AN ALPHA-NUMERIC CODE IDENTIFYING A GROUP OR CLASSIFICATION OF VARIOUS MATERIALS AS TO THEIR POTENTIAL TO CAUSE EXPLOSIONS, FIRE OR DAMAGE BY CHEMICAL ACTION.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the code. See [Appendix C](#), Table 4, 5, 6, 7 and 8 for clarification of the codes. (e.g., HMCCJAKF\*; HMCCJACI\$\$JAC1.4\$\$JAKG\$\$JAKS\*)

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Key MRC Mode Code Requirements

REPLY  
CODE

REPLY (AP66)

AC	DEPARTMENT OF DEFENSE HAZARD CLASS DIVISION
AE	DEPARTMENT OF TRANSPORTATION EXEMPTION
AG	HAZARD SYMBOL
AH	INHABITED BUILDING DISTANCE
AJ	LOADING-STOWAGE
AK	STORAGE COMPATIBILITY GROUP

APPENDIX C TABLES

<u>REPLY CODE</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
AC	X				
AE	No Applicable Table				
AG		X			
AH		X			
AJ		X			
AK		X			

ALL \*

WLBL	A	DOT WARNING LABEL CODE
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APP

Key	MRC	Mode Code	Requirements
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Definition: THE WARNING LABEL CODE ASSIGNED BY THE DEPARTMENT OF TRANSPORTATION (DOT) TO EACH PACKAGE OR CONTAINMENT DEVICE OFFERED FOR TRANSPORTATION OF A HAZARDOUS MATERIAL WHICH MEETS ONE OR MORE HAZARD CLASS DEFINITIONS IN ACCORDANCE WITH THE TITLE 49 CODE OF FEDERAL REGULATIONS (CFR), PART 172, HAZARDOUS MATERIALS TABLE.

Reply Instructions: Enter the applicable numeric or alpha-numeric labeling requirements as appears in the DOT Title 49 CFR, Part 172, Hazardous Materials Table. For items requiring more than one label, enter the primary label first. (e.g., WLBLACCLASS 9\*; WLBLACORROSIVE\*; WLBLACORROSIVE\$\$AFLAMMABLE LIQUID\*)

ALL

SHPN	A	DOT PROPER SHIPPING NAME
------	---	--------------------------

Definition: THE PROPER SHIPPING NAME AS IDENTIFIED BY THE DEPARTMENT OF TRANSPORTATION (DOT) AND LISTED IN THE TITLE 49 CODE OF FEDERAL REGULATIONS (CFR), PART 172, HAZARDOUS MATERIALS TABLE.

Reply Instructions: Enter the applicable proper shipping name as identified in Title 49 CFR, Part 172, Hazardous Materials Table 172.101 and referenced paragraphs. (e.g., SHPNAAMMUNITION, PRACTICE\*; SHPNA GRENADES, PRACTICE, HAND\*)

ALL

DENN	A	DOT IDENTIFICATION NUMBER
------	---	---------------------------

Definition: THE IDENTIFICATION NUMBER ASSIGNED BY THE DEPARTMENT OF TRANSPORTATION (DOT) TO EACH PROPER SHIPPING NAME. IDENTIFICATION NUMBERS PRECEDED BY THE LETTERS "UN" ARE ASSOCIATED WITH INTERNATIONAL AS WELL AS DOMESTIC TRANSPORTATION AND THOSE PRECEDED BY THE LETTERS "NA" ARE NOT RECOGNIZED FOR INTERNATIONAL TRANSPORTATION OF HAZARDOUS MATERIALS (DANGEROUS GOODS) EXCEPT TO AND FROM THE UNITED STATES AND CANADA.

Reply Instructions: Enter the applicable alpha-numeric Identification Number assigned to the proper shipping name as appears in the Title 49 CFR , Part 172, Hazardous Materials Table 172.101 and referenced paragraphs. (e.g., DENNAUN2818\*; DENNANA1549\*)

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APP Key	MRC	Mode Code	Requirements
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ALL

HAZD	A	DOT HAZARD CLASS/DIVISION
------	---	---------------------------

Definition: A DESIGNATION OF THE HAZARD CLASS OR DIVISION CORRESPONDING TO EACH PROPER SHIPPING NAME FOR HAZARDOUS MATERIAL AS IDENTIFIED BY THE DEPARTMENT OF TRANSPORTATION (DOT) AND LISTED IN THE TITLE 49 CODE OF FEDERAL REGULATIONS (CFR), PART 172, HAZARDOUS MATERIALS TABLE.

Reply Instructions: Enter the applicable numeric or alpha-numeric hazard classification designator or division as identified in the DOT Title 49 CFR, Part 172, Section 173, Hazardous Materials Table 172.101 and referenced paragraphs. (e.g., HAZDA1.23\*; HAZDA9\*)

ALL

ZZZP	J	PURCHASE DESCRIPTION IDENTIFICATION
------	---	-------------------------------------

Definition: THE CONTROLLING ACTIVITY AND IDENTIFICATION OF A DOCUMENT USED IN LIEU OF A SPECIFICATION IN THE PROCUREMENT OF AN ITEM OF SUPPLY.

Reply Instructions: Enter the 5-position Commercial and Government Entity (CAGE) Code, followed by a dash and the identifying number of the document.

(e.g., ZZZPJ81A37-30624A\*)

ALL

ZZZV	G	FSC APPLICATION DATA
------	---	----------------------

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT\*)

ALL

DTRC	A	DOT REGISTRATION CODE
------	---	-----------------------

Definition: AN ALPHA-NUMERIC CODE ASSIGNED BY THE DEPARTMENT OF TRANSPORTATION IDENTIFYING THE FINAL HAZARD CLASSIFICATION.

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Key MRC Mode Code Requirements

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Reply Instructions: Enter the applicable code furnished by the DOT.

(e.g., DTRCAEX-9005634\*)

ALL

AGAV G END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., AGAVG3930-00-000-0000\*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A\*)

ALL \*

PKTY D UNIT PACKAGE TYPE

Definition: INDICATES THE TYPE OF CONTAINER IN WHICH THE ITEM OF SUPPLY IS PACKAGED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PKTYDACD\*; PKTYDACD\$DADD\*)

REPLY CODE

REPLY (AN65)

ACD

BOX

ACX

CARTON

ADD

CASE

ADF

DISPENSER

AFL

PACKAGE

ALL

NAAC A AMMUNITION CODE

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Section Parts

APP

Key MRC Mode Code Requirements

---

Definition: A SIGNIFICANT CODE CONSISTING OF A COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS ASSIGNED TO ITEMS OF SUPPLY IN FSG 13 AND 14. IDENTICAL CODES SIGNIFY FUNCTIONALLY INTERCHANGEABLE ITEMS FOR ISSUE AND USE.

Reply Instructions: Enter the code.

(e.g., NAACA1305-AA55\*)

ALL \*

AWJN J UNPACKAGED UNIT WEIGHT

Definition: THE MEASURED WEIGHT OF AN ITEM UNENCUMBERED BY PACKAGING OR PACKING MATERIAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AWJNJAS10.500\*; AWJNJBA4.7\*)

<u>REPLY CODE</u>	<u>REPLY (AG67)</u>
BA	GRAMS
AJ	KILOGRAMS
AS	POUNDS

ALL \*

AGUC A UNIT PACKAGE QUANTITY

Definition: THE NUMBER OF ITEMS CONTAINED IN THE UNIT PACKAGE.

Reply Instructions: Enter the quantity. (e.g., AGUCA100\*)

ALL \*

AJYJ A PACKAGE MODEL NUMBER

Definition: THE COMBINED GROUP OF LETTERS, NUMERALS, AND/OR SYMBOLS WHICH COMPOSE THE ASSIGNED MODEL NUMBER OF THE PACKAGE.

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APP

Key    MRC                    Mode Code            Requirements

---

 Reply Instructions: Enter the model number. (e.g., AJYJAM50\*; AJYJAM50\$\$AM80\*; AJYJAM50\$AM80\*)

ALL

CXCY                    G                    PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD\*)

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Table 1 - CARTRIDGE DESIGN TYPES  
CARTRIDGE DESIGN TYPES

<u>REPLY CODE</u>	<u>REPLY (AF43)</u>
AAB	ANTIAIRCRAFT
AAC	ANTIAIRCRAFT-COMMON
AAD	ANTIPERSONNEL
AAE	ANTIPERSONNEL-TRACER
AAF	ARMOR PIERCING
AAG	ARMOR PIERCING CAPPED
AAH	ARMOR PIERCING CAPPED-TRACER
ADT	ARMOR PIERCING CONE STABILIZED DISCARDING SABOT-TRACER
ADP	ARMOR PIERCING FIN STABILIZED DISCARDING SABOT-TRACER
AAJ	ARMOR PIERCING-INCENDIARY
AAK	ARMOR PIERCING-INCENDIARY-TRACER
AAL	ARMOR PIERCING-TRACER
AAM	BALL
ACL	BALL, CASELESS
AAN	BALL, DUPLEX
AAP	BALL, FRANGIBLE
AAS	BALL, OVERHEAD FIRE
ACM	BALL, PARABELLUM
ADV	BIRD SCARING
ACR	BLIND LOADED
AAU	BLIND LOADED AND PLUGGED
AAV	BLIND LOADED AND TRACER
AAW	BUCKSHOT
ACK	CHAFF
ACU	EXPLOSIVE ORDNANCE DISPOSAL
AAX	FLECHETTE
AAZ	FUZE CAVITY LINED
ACS	FUZE CAVITY LINED-NONFRAGMENTATION
ABA	FUZE CAVITY LINED PROXIMITY
ABB	HIGH CAPACITY
ABC	HIGH EXPLOSIVE
ABD	HIGH EXPLOSIVE ANTITANK
ADN	HIGH EXPLOSIVE ANTITANK-TRACER
ABE	HIGH EXPLOSIVE ANTITANK-TRACER-MULTIPURPOSE
ACT	HIGH EXPLOSIVE INCENDIARY
ACW	HIGH EXPLOSIVE INCENDIARY, BELT DESTRUCTION
ACX	HIGH EXPLOSIVE INCENDIARY, PLUGGED
ABF	HIGH EXPLOSIVE INCENDIARY, SELF DESTRUCTIVE
ACY	HIGH EXPLOSIVE INCENDIARY-TRACER
ABG	HIGH EXPLOSIVE INCENDIARY-TRACER, SELF DESTRUCTIVE
ABH	HIGH EXPLOSIVE PLASTIC
ACZ	HIGH EXPLOSIVE PLASTIC-TRACER
ADA	HIGH EXPLOSIVE, PLUGGED
ADD	HIGH EXPLOSIVE, SELF DESTRUCTIVE
ADQ #	HIGH EXPLOSIVE SHELL DESTROYING-TRACER
ABJ	HIGH EXPLOSIVE, SQUASH HEAD
ADC	HIGH EXPLOSIVE TRACER
ADB	HIGH EXPLOSIVE-TRACER, DARK IGNITION
ABK	HIGH EXPLOSIVE-TRACER, SELF DESTRUCTIVE
ADR #	HIGH PRESSURE TEST
ABL	HIGH VELOCITY
ABM	HYPERVELOCITY ARMOR PIERCING
ABN	HYPERVELOCITY ARMOR PIERCING DISCORDING SABOT-TRACER
ADE	HYPERVELOCITY ARMOR PIERCING-TRACER
ABP	HYPERVELOCITY TARGET PRACTICE-TRACER
ABQ	ILLUMINATING
ADF	INCENDIARY
ACN	INERT
	IRRITANT GAS

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<u>REPLY CODE</u>	<u>REPLY (AF43)</u>
ABR	LEAFLET
ADG	LEAFLET, BASE EJECTION
AAQ	LONG
AAR	LONG RIFLE
ADH	LOW PRESSURE TEST
ACQ	MATCH
ABS	NONPERSISTENT GAS
ABT	PERSISTENT GAS
ABU	PLAIN SLUG
	Practice (use Reply CODEACC)
ADJ	PROXIMITY
ADK	PROXIMITY NONFRAGMENTATION
ABW	RIFLED SLUG
ADS #	SEMI-ARMOUR PIERCING
AAT	SHORT
ABX	SHOT
ABY	SMOKE
ABZ	SMOKE, BASE EJECTION
ACA	SMOKE, BURSTER
ACB	SPOTTER-TRACER
ACP	TACTICAL CS
ACC	TARGET PRACTICE
ACD	TARGET PRACTICE-TRACER
ACE	TRACER
ACF	TRACER-HEADLIGHT
ACG	TRACER INCENDIARY
ACH	TRACER W/DETERIORATED TRACER ELEMENT
ACJ	WAD CUTTER

Table 2 - MATERIALS  
MATERIALS

<u>REPLY CODE</u>	<u>REPLY (AD09)</u>
ALC000	ALUMINUM
AL0000	ALUMINUM ALLOY
BR0000	BRASS
ME0000	METAL
PF0000	PAPER
PC0000	PLASTIC
ST0000	STEEL

Table 3 - PROJECTILE FILLER TYPES  
PROJECTILE FILLER TYPES

<u>REPLY CODE</u>	<u>REPLY (AF45)</u>
AB	AMATOL
AC	AMMONIUM PICRATE
AD	BARIUM CARBONATE AND STEARIC ACID INERT COMPOSITION
AE	BLACK POWDER PELLETS
	Black Powder Pellets and Inert Material (use Reply Codes AE and AX)
AH	BLACK POWDER PELLETS AND RED PHOSPHORUS MIXTURE
AF	BLACK POWDER PELLETS, PLASTER OF PARIS, AND STEARIC ACID
TP #	BLUE SMOKE MIXTURE
AJ	CHAFF
AK	COMPOSITION A
AL	COMPOSITION A-3
AM	COMPOSITION B
TQ #	COMPOSITION PN800
AN	CRUDE POLYCHLORONAPHTHALENE AND DIATOMACEOUS EARTH MIXTURE
	Crude Polychloronapthalene and Diatomaceous Earth Mixture w/Black Powder Pellets (use Reply Codes AE and AN)
FB	CYCLONITE

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<u>REPLY CODE</u>	<u>REPLY (AF45)</u>
AQ	DISTILLED MUSTARD GAS
AR	EDNATOL
DW	EXPLOSIVE D
FC	EXPLOSIVE MIXTURE
AS	GREEN SMOKE MIXTURE
AT	HEXACHLORENTHANE-ZINC MIXTURE
TR #	HIGH EXPLOSIVE SUBSTITUTE
AU	HYDROCAL
FE	I-136
FF	I-280
AV	ILLUMINATION COMPOSITION
FD	INCENDIARY COMPOSITION
AW	INERT BLUE
AX	INERT MATERIAL
AY	INERT YELLOW
BV	ISOPROPYL METHYLPHOSPHONOFUORIDATE
AZ	LEAFLETS
BA	MAGNESIUM
TS #	MIXTURE 1
FG	MOX
FH	MOX-2B
BB	MUSTARD GAS
BC	MUSTARD-T GAS
FJ	NQ/M PROPELLANT
BD	O-CHLORBENZALMALONONITRILE
TT #	ORANGE SMOKE MIXTURE
BE	PENTOLITE
BF	PICRATOL
BG	PLASTICIZED WHITE PHOSPHORUS
FK	R-284
TV #	RDX/TNT TYPE A
TU #	RDX/TNT
TW #	RDX/TNT TYPE A ALUMINIUM
TX #	RDX/TNT TYPE B
TY #	RDX/TNT TYPE G
TZ #	RDX/WAX
UD #	RDX/WX6 AND ZINC STERATE
UC #	RDX/WX6/P
UA #	RDX/WX6/3
UB #	RDX/WX6/3/AL
UE #	RDX/WX8
UF #	RDX/WX8/1
BH	RED SMOKE MIXTURE
BJ	SAND
UH #	SR252 AND GRANULATED
UG #	SR252 AND PN800
UJ #	SR264A
UK #	SR568A
UL #	SR572
BK	STEEL BALLS
BL	STEEL FRAGMENTS
BM	STEEL SLUGS
BN	SULFUR TRIOXIDE-CHLORSULFONIC ACID MIXTURE
ET	TETRYL
UM #	TNT GRADE 1
UN #	TORPEX
FL	TRACER COMPOSITION
BP	TRINITROTOLUENE, TNT
BQ	TRITONAL
BR	VIOLET SMOKE MIXTURE
BS	WHITE PHOSPHORUS
BT	YELLOW SMOKE MIXTURE

Table 4 - FUZE TYPES  
FUZE TYPES

<u>REPLY CODE</u>	<u>REPLY (AF46)</u>
A	ANY ACCEPTABLE
AB	BASE DETONATING
AC	BASE DETONATING, SELF-DESTROYING
BA	BLACK POWDER TIME TRAIN
AD	DUMMY
BB	INERT
AE	MECHANICAL TIME
AF	MECHANICAL TIME AND SUPER QUICK
CF #	NOSE MECHANICAL TIME AND PERCUSSION
CB #	NOSE PERCUSSION, DIRECT ACTION
CC #	NOSE PERCUSSION, DIRECT ACTION AND GRAZE
CD #	NOSE TIME
CE #	NOSE TIME AND PERCUSSION
AG	POINT DETONATING
AH	POINT DETONATING, SELF-DESTROYING
BC	POINT INITIATING
AJ	POINT INITIATING, BASE DETONATING
BD	PRACTICE
AK	PROXIMITY
AM	TIME
AN	TIME AND SUPER QUICK

Table 5 - WEAPON FOR WHICH DESIGNED  
WEAPON FOR WHICH DESIGNED

<u>REPLY CODE</u>	<u>REPLY (AF49)</u>
AAB	AIRCRAFT MACHINE GUN M2
A	ANY ACCEPTABLE
AAC	AUTOMATIC PISTOL
AAD	AUTOMATIC PISTOL M1911
AAE	AUTOMATIC PISTOL M1911A1
AAF	AUTOMATIC RIFLE M1918
AAG	AUTOMATIC RIFLE M1918A2
AAH	CARBINE M1
AAJ	CARBINE M1A1
AAK	CARBINE M2
AAL	CARBINE M3
AAM	COLT REVOLVER
AAN	CONVERTED RIFLE M1
AMZ #	GUN, AIR DEFENSE ARTILLERY KDA 35 MM
ANA #	GUN, AIR DEFENSE ARTILLERY 20 MM
AEL	GUN, ANTI-AIRCRAFT 40 MM
AMM	GUN, AUTOMATIC GAU-8
ANK	GUN, AUTOMATIC GAU-12
AFJ	GUN, AUTOMATIC M1A2
ANB #	GUN, CANNON KBA 25 MM
AMX	GUN, CANNON L7A2/M68
AMY	GUN, CANNON L7A3/M68
AGP	GUN, CANNON MK1
AFK	GUN, CANNON M1
AFL	GUN, CANNON M1A1
AFM	GUN, CANNON M1A2
AFN	GUN, CANNON M1A3
AFP	GUN, CANNON M2
AFQ	GUN, CANNON M2A1
AFR	GUN, CANNON M3
AFS	GUN, CANNON M24
AFT	GUN, CANNON M24A1
AFW	GUN, CANNON M32

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<u>REPLY CODE</u>	<u>REPLY (AF49)</u>
AFX	GUN, CANNON M35
AFY	GUN, CANNON M36
AFZ	GUN, CANNON M39
AGA	GUN, CANNON M39A2
AMN	GUN, CANNON M39A3
AGB	GUN, CANNON M41
AGC	GUN, CANNON M46
AGD	GUN, CANNON M48
AGE	GUN, CANNON M54
AGF	GUN, CANNON M58
AGG	GUN, CANNON M59
AGH	GUN, CANNON M61
AMP	GUN, CANNON M61A1
AGJ	GUN, CANNON M66
AGK	GUN, CANNON M68
AGL	GUN, CANNON M81
AGM	GUN, CANNON M113
AGN	GUN, CANNON M139
AKQ	GUN, CANNON M162
AMQ	GUN, CANNON M693
AGQ	GUN, CANNON T154
AGR	GUN, CANNON T212
AGS	GUN, CANNON XM135
AGT	GUN, CANNON XM140
AGW	GUN, CANNON XM168
ANC #	GUN, CANNON 120 MM SMOOTH BORE
ABC	GUN, HAND RAMMED MK21 AND MODS
ABD	GUN, HAND RAMMED MK22 MODS 0 THRU 3
AKR	GUN-LAUNCHER M81
AEP	GUN MK1
AAP	GUN M1A2
AAQ	GUN M1A3
AAR	GUN M2A1
AAU	GUN M3
AAV	GUN M3A1
AAX	GUN M5
AAZ	GUN M6
AAS	GUN M23
AAT	GUN M26
AAW	GUN M32
AAZ	GUN M51
ABA	GUN M1916
ABE	GUN, POWER RAMMED MK22 MODS 4 THRU 9
ABF	GUN, POWER RAMMED MK27
ABG	GUN, POWER RAMMED MK33
ABH	GUN, POWER RAMMED MK34
ABB	GUN T156
AGX	HOWITZER, CANNON M1
AGY	HOWITZER, CANNON M1A1
AGZ	HOWITZER, CANNON M2
AHA	HOWITZER, CANNON M2A1
AHB	HOWITZER, CANNON M2A2
AHC	HOWITZER, CANNON M4
AHD	HOWITZER, CANNON M4A1
AHE	HOWITZER, CANNON M45
AHF	HOWITZER, CANNON M47
AHG	HOWITZER, CANNON M49
AHH	HOWITZER, CANNON M103
AHJ	HOWITZER, CANNON M126
AHK	HOWITZER, CANNON M137
AMR	HOWITZER, CANNON M185
AMS	HOWITZER, CANNON M199
AMT	HOWITZER, CANNON M1950
ABJ	KRAG RIFLE M1898
AEN	LAUNCHER, GRENADE M79
AEM	LAUNCHER, HELICOPTER M75

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<u>REPLY CODE</u>	<u>REPLY (AF49)</u>
ABK	LYLE LINE THROWING GUN
ABL	LYLE LINE THROWING GUN MK1 MOD 1
ABM	MACHINE GUN
ABN	MACHINE GUN AN-M2
ABP	MACHINE GUN AN-M3
AND #	MACHINE GUN BREN
ANE #	MACHINE GUN FN MAG
ABQ	MACHINE GUN M2
ABR	MACHINE GUN M2A1
ABS	MACHINE GUN M3
ABT	MACHINE GUN M37
ABU	MACHINE GUN M60
ABV	MACHINE GUN M63
ABW	MACHINE GUN M73
ABX	MACHINE GUN M85
ANL	MACHINE GUN M197
ABY	MACHINE GUN M1916A6
ABZ	MACHINE GUN M1917A1
ACA	MACHINE GUN M1917A2
ACB	MACHINE GUN M1917A4
ACC	MACHINE GUN M1917A5
ACD	MACHINE GUN M1917A6
ACE	MACHINE GUN M1918
ACF	MACHINE GUN M1918A2
ACG	MACHINE GUN M1919
ACH	MACHINE GUN M1919A4
ACJ	MACHINE GUN M1919A5
ACK	MACHINE GUN M1919A6
ACL	MACHINE GUN T52
ACM	MACHINE GUN XM134
AEQ	MATCH
ACN	MINNI GUN M134
AHR	MORT AR, CANNON MK2
AHS	MORT AR, CANNON MK4
AHL	MORT AR, CANNON M1
AHM	MORT AR, CANNON M2
AHN	MORT AR, CANNON M19
AHP	MORT AR, CANNON M29
AHQ	MORT AR, CANNON M30
ACQ	MORT AR M2
ACP	MORT AR M19
ACR	MORT AR M30
AMU	MORT AR M081-61
ACS	MORT AR T18E6
ACT	PISTOL
ANF #	PISTOL FN BROWNING
AMV	RECOILLESS RIFLE M2 CARL GUSTAV
AHT	RECOILLESS RIFLE M18
AHW	RECOILLESS RIFLE M18A1
AHX	RECOILLESS RIFLE M20
AHY	RECOILLESS RIFLE M27
AHZ	RECOILLESS RIFLE M27A1
AJA	RECOILLESS RIFLE M40A1
AJB	RECOILLESS RIFLE M40A1C
AJC	RECOILLESS RIFLE M67
AJD	RECOILLESS RIFLE T15E16
AJE	RECOILLESS RIFLE T21E12
ANN	RECOILLESS RIFLE 9MM SUBCALIBER
ACU	REVOLVER
ACV	REVOLVER M1917
AMW	REVOLVER NO2
ACW	RIFLE
ANM	RIFLE, C7
ANG #	RIFLE FN FAL
ANH #	RIFLE LEE ENFIELD
ACX	RIFLE M1

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<u>REPLY CODE</u>	<u>REPLY (AF49)</u>
ADB	RIFLE M2
ACY	RIFLE M14
ACZ	RIFLE M16
ADA	RIFLE M16E1
ADC	RIFLE M23
ADD	RIFLE M1903
ADE	RIFLE M1903A
ADF	RIFLE M1903A1
ADG	RIFLE M1903A3
ADH	RIFLE M1903A4
ADJ	RIFLE M1917
ADK	RIFLE T44
ADL	RIFLE T48
ADM	RIFLE XM16B1
ADY	S AND W REVOLVER
ADP	SALUTING GUN 40 MM
ADQ	SEMIAUTOMATIC PISTOL M1911
ADN	SPOTTING RIFLE M8
ADR	SUBCALIBER RIFLE M1903A2
ADS	SUBMACHINE GUN
ADT	SUBMACHINE GUN M1
ADU	SUBMACHINE GUN M1A1
ADV	SUBMACHINE GUN M3
ADW	SUBMACHINE GUN M3A1
ADX	SUBMACHINE GUN M1928A1
ANJ #	SUBMACHINE GUN STEN
AKT #	SUBMACHINE GUN UZI

Table 6 - SHOT LOAD SIZE DESIGNATOR  
SHOT LOAD SIZE DESIGNATOR

<u>REPLY CODE</u>	<u>REPLY (AF51)</u>
AN	NO. BB SHOT
AR	NO. T7 SHOT
AS	NO. T9 SHOT
AB	NO. 00 BUCKSHOT
AC	NO. 0 BUCKSHOT
AD	NO. 1 BUCKSHOT
AE	NO. 1 SHOT
AF	NO. 2 SHOT
AQ	NO. 3 SHOT
AG	NO. 4 SHOT
AH	NO. 5 SHOT
AJ	NO. 6 SHOT
AP	NO. 7 SHOT
AK	NO. 7-1/2 SHOT
AL	NO. 8 SHOT
AM	NO. 9 SHOT

Table 7 - PROJECTILE DESIGN TYPES  
PROJECTILE DESIGN TYPES

<u>REPLY CODE</u>	<u>REPLY (AJ22)</u>
A	ANY ACCEPTABLE
AAL	BALL
AAM #	CUPRO-NICKEL JACKETED BALL
AAB	FULL GUILDING METAL JACKETED BALL
AAC	FULL STEEL JACKETED BALL
AAK	HIGH PRESSURE TEST BALL
AAD	HOLLOW POINT BALL
AAE	JACKETED BALL

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<u>REPLY CODE</u>	<u>REPLY (AJ22)</u>
AAF	LEAD BALL
AAH	Soft Nose Jacketed Ball (use Reply CODEAAH)
AAN #	SOFT POINT METAL JACKETED BALL
AAP #	STEEL COATED W/CUPRO-NICKEL JACKETED BALL
AAJ	STEEL COATED W/GILDING METAL JACKETED BALL
	WAD CUTTER BALL

Table 8 - NONDEFINITIVE SPEC/STD DATA  
NONDEFINITIVE SPEC/STD DATA

<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION

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<u>REPLY CODE</u>	<u>REPLY (AD08)</u>
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 9 - UNIT PACKAGE TYPES  
UNIT PACKAGE TYPES

<u>REPLY CODE</u>	<u>REPLY (AN65)</u>
AHA	BAG, BARRIER
AHB	BAG, BARRIER, MOISTURE-VAPORPROOF
AAJ	BAG, PLASTIC
AHE	BANDOLEER
ALP	BANDOLEER, STOCKING
ACD	BOX
AKQ	BOX, BUNDLE
AKD	BOX, CARDBOARD
AKF	BOX, FIBER
AKG	BOX, FIBERBOARD
ACF	BOX, METAL
AKH	BOX, PALLET, WIRE-BOUND
AHL	BOX, PLYWOOD
AKJ	BOX, PLYWOOD, WATERPROOF
AHN	BOX, WIRE-BOUND
AHP	BOX, WOOD
AKK	BOX, WOOD, METAL-LINED
AHQ	BOX, WOOD, WIRE-BOUND
AKN	BOX, WOOD, WRAP-AROUND

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<u>REPLY CODE</u>	<u>REPLY (AN65)</u>
AKP	BOX, WRAP-AROUND
ACJ	CAN
ACX	CARTON
AHU	CARTON, CARDBOARD
AHV	CARTON, FIBER
AHW	CARTON, FIBERBOARD
AKZ	CARTON, WAXED
ADD	CASE
ALQ	CLIP, METAL
AJB	CONTAINER, FIBER
AJD	CONTAINER, METAL
AFT	CONTAINER, PLASTIC
ALA	CRATE, WIRE-BOUND
ALB	CRATE, WIRE, WRAP-AROUND
ALC	CRATE, WOOD
ALD	CRATE, WRAP-AROUND
ALK	DIP, PLASTIC
ALN	DIP, WAX
ALG	ENVELOPE, WATERPROOF
APG#	GROMMET, ROTATING BAND
APE #	INSERT, AMMUNITION PACKAGE
APF #	LINK, CARTRIDGE
ALH	OVERWRAP, BARRIER
ALJ	OVERWRAP, BARRIER, GRADE C
ALR	PALLET, WOOD
ALS	RACK, CARRYING, CARDBOARD
ALT	RACK, CARRYING, METAL
AJU	TANK, METAL
AFR	TUBE
ALU	TUBE, CARDBOARD
AKC	TUBE, METAL
ALV	WRAPPER, CARDBOARD

## Reference Drawing Groups

**No table of contents entries found.**

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IDENTIFIED SECONDARY ADDRESS CODING

<u>I/SAC FIELD INDICATOR</u>	<u>GROUP (0352)</u>
1A	CLIPPED
1B	PACK BARREL#
1C	SINGLE ROUND
1D	1ST LINKED GROUP
1E	2ND LINKED GROUP
1F	3RD LINKED GROUP
1G	4TH LINKED GROUP
1H	SINGLE LINKED GROUP

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STANDARD FRACTION TO DECIMAL CONVERSION CHART

<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>	<u>4ths</u>	<u>8ths</u>	<u>16ths</u>	<u>32nds</u>	<u>64ths</u>	<u>To 3</u>	<u>To 4</u>
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	-----	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	-----	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	-----	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	-----	.219	.2188				23/32	-----	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	-----	.281	.2812				25/32	-----	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	-----	.344	.3438				27/32	-----	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	-----	.406	.4062				29/32	-----	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	-----	.469	.4688				31/32	-----	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

## IDENTIFIED SECONDARY ADDRESS CODING

<u>I/SAC FIELD INDICATOR</u>	<u>CONTAINER TYPE</u>
1A	SHIPPING CONTAINER
1B	AIR FORCE PALLET
1C	ARMY PALLET
1D	MARINES PALLET
1E	NAVY PALLET
1F	PALLET
1G	NAVY PALLET DOMESTIC
1H	NAVY PALLET FLEET

## HAZARD CLASSES AND DIVISIONS

### CLASS 1 - EXPLOSIVES

#### DIVISION 1.1

#### DIVISION 1.2

#### DIVISION 1.2.1

- Explosives with a mass explosion hazard.
- Explosives with a projection hazard.
- Non-mass explosion, fragment producing. Items with a net explosive weight of more than 1.6 pounds (726 grams) per item.
- Non-mass explosion, fragment producing. Items with a net explosive weight of 1.6 pounds (726 grams) or less per item.
- Explosives with predominantly a fire hazard.
- Explosives with no significant blast hazard.
- Very insensitive explosives; blasting agents.
- Extremely insensitive detonating articles.

#### DIVISION 1.2.2

#### DIVISION 1.3

#### DIVISION 1.4

#### DIVISION 1.5

#### DIVISION 1.6

### CLASS 2 - GASES

#### DIVISION 2.1

#### DIVISION 2.2

#### DIVISION 2.3

#### DIVISION 2.4

- Flammable gases.
- Non-flammable, non-toxic\* compressed gases.
- Gases toxic\* by inhalation.
- Corrosive gases (Canada).

### CLASS 3 - FLAMMABLE LIQUIDS (AND COMBUSTIBLE LIQUIDS U.S. )

### CLASS 4 - FLAMMABLE SOLIDS; SPONTANEOUSLY COMBUSTIBLE MATERIALS; AND DANGEROUS WHEN WET MATERIALS

#### DIVISION 4.1

#### DIVISION 4.2

#### DIVISION 4.3

- Flammable solids.
- Spontaneously combustible materials.
- Dangerous when wet materials.

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## CLASS 5 - OXIDIZERS AND ORGANIC PEROXIDES

DIVISION 5.1

- Oxidizers.

DIVISION 5.2

- Organic Peroxides.

## CLASS 6 - TOXIC\* MATERIALS AND INFECTIOUS SUBSTANCES

DIVISION 6.1

- Toxic\* materials.

DIVISION 6.2

- Infectious substances.

## CLASS 7 - RADIOACTIVE MATERIALS

## CLASS 8 - CORROSIVE MATERIALS

## CLASS 9 - MISCELLANEOUS DANGEROUS GOODS

DIVISION 9.1

- Miscellaneous dangerous goods (Canada).

DIVISION 9.2

- Environmentally hazardous substances (Canada).

DIVISION 9.3

- Dangerous wastes (Canada).

\* The words "poison" or "poisonous" are synonymous with the word "toxic".

## STORAGE COMPATIBILITY GROUP CODES

### GROUP    EXPLANATION

A	Substances which are expected to mass detonate very soon after fire reaches them.
B	Articles which are expected to mass detonate very soon after fire reaches them.
C	Substances or articles which may be readily ignited and burn violently without necessarily exploding.
D	Substances or articles which may mass detonate (with blast and/or fragment hazard) when exposed to fire.
E, F	Articles which may mass detonate in a fire.
G	Substances and articles which may mass explode and give off smoke or toxic gases.
H	Articles which in a fire may eject hazardous projectiles and dense white smoke.
J	Articles which may mass explode.
K	Articles which in a fire may eject hazardous projectiles and toxic gases.
L	Substances and articles which present a special risk and could be activated by exposure to air or water.
N	Articles which contain only extremely insensitive detonating substances and demonstrate a negligible probability of accidental ignition or propagation.
S	Packaged substances or articles which, if accidentally initiated, produce effects that are usually confined to the immediate vicinity.

## LOADING AND STOWAGE CHART FOR TRANSPORTATION OF EXPLOSIVES AND OTHER HAZARDOUS MATERIALS

NOTES a. Unless loaded on separate nonadjacent 463L aircraft pallets, acids, or other corrosive liquids must not be loaded with flammable solids, oxidizers, ammunition for cannot with/without

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projectiles or propellant explosives. b. Explosives Class A, and explosives class B must not be loaded or stored with chemical ammunition containing incendiary charges or white phosphorous either with or without bursting charges. c. Does not include nitrocarbonitrate, or ammonium nitrate, fertilizer grade, which may be loaded and transported with high explosives or with bursting caps, electric blasting caps and detonating primers. d. Missile Class III cargo shall not be loaded on the same aircraft with any other hazardous materials. e. Normal uranium, depleted uranium, and thorium metal in solid form may also be loaded and transported with articles names on vertical and horizontal columns 1, 2, 3, 4, 5, 6, and 7. f. Charged electric storage batteries must not be loaded in the same aircraft with any Class A explosive. g. Cyanides or Cyanide mixtures must not be loaded or stored with corrosive materials. h. Gas identification sets may be loaded and transported with all articles named except those in column 3. i. Nitric acid, when loaded in the same aircraft with acids or other corrosive material in carboys, must be separated from the other carboys. j. Other hazardous articles, exempt from labeling requirements of this manual, may be loaded and transported with all other articles except as provided in notes a and f through i above. k. When material has not been drained and purged and fuel is in the system, it will be loaded and transported as a flammable liquid, L/S Group 18.

<u>Class A Explosives</u>	<u>Class B Explosives</u>										<u>Class C Explosives</u>						
	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>

Other Hazardous Articles

<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>
-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------

L/S	CLASS A
GROU	EXPLOSIVES
P	
1	Low explosives or black powder.
2	High explosives or propellant explosives, Class A.
3	Initiating or priming explosives, wet: Diazodinitrophenol, fulminate of mercury guanyl nitrosamino guanylidene hydrazine, lead

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- azide, lead  
styphnate, nitro  
mannite,  
nitrosoguanidine,  
pentaerythrite  
tetranitrate,  
terazene.
- 4     Blasting caps-over  
1,000, with or  
without safety  
fuze, (including  
electric blasting  
caps) detonating  
primers.
- 5     Ammunition for  
cannon with  
explosive  
projectiles, gas  
projectiles, smoke  
projectiles,  
incendiary  
projectiles,  
illuminating  
projectiles, or  
shell, ammunition  
for small arms  
with explosive  
bullets, or  
ammunition for  
small arms with  
explosive  
projectiles or  
rocket ammunition  
with explosive  
projectiles, gas  
projectiles, smoke  
projectiles,  
incendiary  
projectiles,  
illuminating  
projectiles, or  
booster or bursters.  
b
- 6     Explosive  
projectiles, bombs,  
torpedoes, or

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	mines; rifle or hand grenades (explosive); jet thrust units (JATO), explosive, Class A, or igniters; jet thrust (JATO), explosive, Class Ab; rocket motors, Class A; igniters, rocket motor, Class A. b
7	Detonating fuzes, Class A, with or without radioactive components.
L/S GROU P	CLASS B EXPLOSIVES
8	Ammunition for cannon with empty, inert-loaded or solid projectiles; or without projectiles; or rocket ammunition with empty projectiles; inert-loaded or solid projectiles or without projectiles.
9	Propellant explosives, Class B; rocket engines (liquid), Class B; rocket motor, Class B; igniter, rocket motor, Class B; jet thrust units (JATO), Class B; igniters,

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	jet thrust (JATO) Class B; starter cartridges, jet engines, Class B; igniter, ramjet engines; or explosive power devices, Class B.
10	Fireworks, special, or railway torpedoes.
L/S GROU P	CLASS C EXPLOSIVES
11	Small arms ammunition.
12	Primers for cannon or small arms; empty cartridge bags black powder igniters; empty cartridge cases, primed; empty grenades primed; combination primers; percussion caps; toy caps; explosive cable cutters; explosive power devices; explosive rivets; starter cartridge, jet engine, Class C; actuating cartridges.
13	Percussion fuzes, tracer fuzes or tracers.
14	Time combination or detonating fuzes, Class C.
15	Cordeau detonant

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- |    |   |
|----|---|
|    | fuze, safety squibs,<br>fuze lighters, fuze<br>igniters, delay<br>electric igniters,<br>electric squibs,<br>instantaneous fuze,<br>or igniter cord. |
| 16 | Fireworks,<br>common; flares; or<br>signals.  |
| 17 | Blasting caps -<br>1,000 or less, with<br>or without safety<br>fuze (including<br>electric blasting<br>caps).                                       |

L/S GROU P	ARTICLES
------------------	----------

- |    |  |
|----|--|
| 18 | Flammable liquids<br>or compressed<br>flammable gases. |
| 19 | Flammable solids<br>or oxidizing<br>materials.         |
| 20 | Corrosive<br>materials. a,f,i                          |
| 21 | Compressed<br>nonflammable<br>gases.                   |
| 22 | Poisonous gases or<br>liquids, Class A<br>poisons.h    |
| 23 | Etologic<br>agents/biological<br>research material.    |
| 24 | Poisonous liquids<br>or solids, Class B<br>poison.g    |
| 25 | Irritating material.                                   |
| 26 | Radioactive<br>materials. d                            |
| 27 | Engines and  |

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motors (internal combustion); aerospace ground equipment; and self-propelled vehicles.k

28 Materials not  
otherwise  
regulated.

[illegible]

Class A	1	X	X	X	X	X	X	X
---------	---	---	---	---	---	---	---	---

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2	X		X	X		X	X		X	X	
3	X		X	X		X	X		X	X	X
4	X		X	X		X	X		X	X	
4	X		X	X		X	X		X	X	
6	X		X	X		X	X		X	X	
7	X		X	X		X	X		X	X	
Class B	8				X		X	X			
9			X			X	X				
10						X	X				
Class C	11										
12											
13											
14											
15											
16						X	X				
17						X	X	X	X	X	
	18			X			X	X			
HA	19		X		X		X	X			
AR	20			X			X	X			
OZT	21										
TAI	22		X	X	X						
HRC	23		X	X	X						
EDL	24										
ROE	25										
US	26										
S	27										
	28										

The table below shows the explosives and other hazardous articles which must not be loaded or stored together. The letter X at an intersection of horizontal and vertical columns show that these articles must not be loaded or stored together, for example; Detonating Fuzes, Class A, with or without radioactive components, 7 horizontal column must not be loaded or stored with high explosives, Class A, 2 vertical column. The following codes apply to the table below.

HAZARD SYMBOL CODE

CODE   EXPLANATION

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- A WEAR FULL PROTECTIVE CLOTHING, SET 1
- B WEAR FULL PROTECTIVE CLOTHING, SET 2
- C WEAR FULL PROTECTIVE CLOTHING, SET 3
- D WEAR BREATHING APPARATUS
- E APPLY NO WATER

INHABITED BUILDING DISTANCE

<u>CODE</u>	<u>EXPLANATION</u>
(00)	PROCEED WITH CAUTION
(02)	200 FEET
(04)	400 FEET
(07)	700 FEET
(08)	800 FEET
(09)	900 FEET
(12)	1200 FEET
(18)	1800 FEET
(21)	2100 FEET

## **FIIG Change List**

FIIG Change List, Effective June 4, 2010.

This change replaced with ISAC or and/or coding.